BOOKLET SERIES



DO NOT OPEN THIS QUESTION BOOKLET UNTIL ASKED TO DO SO.

PLEASE READ INSTRUCTIONS ON THE BACK COVER CAREFULLY.

| Please fill in the following details using ball point pen. | , |
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| | ٠ |
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THE QUESTION BOOKLET AND OMR ANSWER SHEET SHOULD BE HANDED OVER TO THE INVIGILATOR ON COMPLETION OF THE TEST.

JT/A/2K16/05

海南 海海 医克克克氏

L.

301/

| 7. () PLANCES (P.). | | GENERAL INTEL | LIGENCE | and the same | * *_* | |
|----------------------|-----------------------|--|---|-----------------------------|------------------|-------|
| | | e de la companya de l | · • • • • • • • • • • • • • • • • • • • | 1 E | | |
| Directions (Q | uestions 1-3): Stud | y the following inform | nation carefully | to answer t | hese guest | ions. |
| | | Qadir, Rohit, Sushan | | | | |
| | | scores the highest in e | | | i felici | r. |
| | leep always scores le | | | | | |
| D. Qad | ir always scores less | than Pradeep. | | | • | · , |
| E. Each | n time Rohit scores t | he highest, Tushar ge | ts the least. | *** | a the | |
| | | es the highest, either U | | | st. | • |
| | | ks different from each | | n sali labila i e e li si i | e feki sa+s e | |

| Ŀ., | . In a particular test, if Sushant is ranked second, which c | of the following can be true? |
|---------|--|---|
| .* | | kas is ranked fifth. |
| | | ndeep is ranked 3rd. |
| k Ç4 | In a particular test, if Sushant is ranked sixth and Qad can be true? | ir is ranked fifth, which of the followin |
| | (1) Vikas is ranked first or fourth. (2) Ro | hit is ranked second or third. |
| | 어느 그 그들은 그 아이들은 아이들은 그들은 사람들이 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이 | ay is ranked third or fourth. |
| | In a particular test, if Rohit is ranked second and Qadi must be true about Tushar's rank? | ir is ranked fifth, which of the followin |

Directions (Questions 4-5): Each of these questions has statements followed by two conclusions I

and II. Decide which of the conclusions follows from the statements. Mark answer as

- (1) if conclusion I follows.
- (2) if conclusion if follows.
- (2) If conclusion I follows.
 (3) If neither conclusion I nor II follows.
- (4) if both conclusions I and II follow.
- Statement: Space has no gravitational pull. It has no atmosphere. Conclusions:

- I. Gravity is due to atmospheric pressure.
 II. It is not difficult to breathe in space.

| 5. | Statement: | Computer literates have puzzle quickly. | e good reasoning abili | ty. Seema can understar | nd the |
|------|---------------------------------|--|--|--|------------------|
| | Conclusions: | | | , | - |
| | I. Seema is co II. Seema has | mputer literate. good reasoning ability. | | | |
| | | | · | | ; |
| Dire | ctions (Question | ns 6-7): Complete the seri | es by replacing '?' | | |
| 6. | Z1C, W4E, T91 | H, Q16L, N25Q, '?' | | | |
| - | (1) P36W | (2) K33V | (3) K36S | (4) K36W | |
| 7. | 2AD4, 3EH9, 4 | IL16, 5MP25, '?' | | • | ; |
| | (1) 6MS36 | (2) 6QT36 | (3) 6PT36 | (4) 6QU36 | 2 |
| | • . | : | | | Ţ |
| Dire | ctions (Question | ns 8-9): Find the odd one | out in each of these que. | stions. | ; |
| 8. | (1) 69, 43 | (2) 63, 47 | (3) 34, 85 | (4) 65, 23 | , |
| 9. | (1) E12O4S | (2) C9L3O | (3) J6P4T | (4) G9P3S | |
| 10. | | nan in a photograph, Sak How is Sakshi related to the | | | of my |
| | (1) Grandniece | (2) Niece | (3) Daughter | (4) Granddaughte | er |
| 11. | In a certain coo | le, if ENGLAND is writte | n as 1234526 and FRA | NCE is written as 785291 | l, how |
| | (1) 381171 | (2) 381191 | (3) 832252 | (4) 835545 | |
| 12. | turned right an | esh left home and cycled d cycled 10 km and turne o reach his home straight? | 10 km southwards, tur d left and cycled 10 km | ned right and cycled 5 k . How many kilometers v | m and will he |
| | (1) 25 km | (2) 20 km | (3) 15 km | (4) 10 km | |
| | • | | e t | • • • | |
| 13. | are from Beng | , B, C, D, E and F are sitt aluru. D and F are tall wh is the tall girl from Benga | nile others are short. A, | | |
| | (1) F | (2) E | (3) C | (4) D | |
| | | | | | |
| JT/A | /2K16/05 | | 4 | | |
| | | | | | |
| · · | | | | | |
| | 4 | | | The second secon | |

5.

GENERAL AWARENESS

| 14. | The internet pioneer and e-mail inventor _ age of 74 years. | has pass | ed away recently in USA at th | he |
|-------------|--|--|---------------------------------------|----|
| - | (1) Anita Brookner | (2) Raymond To | omlinson | |
| ٠ | (3) Lloyd Stowell Shapley | (4) George Hen | | |
| | | | | |
| 15. | Which one of the following nationalized Myanmar Government along with three oth | banks from India wa er Asian banks? | s granted operating licence b | ЭУ |
| | (1) Indian Overseas Bank | (2) Bank of Bar | oda | |
| | (3) State Bank of India | (4) Central Banl | k of India | |
| 16. | Who has become the 7 th Chairman of the 2016? | e National Human R | ights Commission (NHRC) i | in |
| | (1) R M Lodha | (2) K.G. Balakri | shnan | |
| | (3) H L Dattu | (4) None of thes | | |
| | | | ř | |
| 17. | Which one of the following states/UTs state/UT by President of India in February 2 | has been formally d | leclared country's first digita | al |
| - | (1) Chandigarh (2) Delhi | (3) Gujarat | (4) Kerala | , |
| 18. ૐ, . | Parliament building of | pecame the first in the | he world in February 2016 t | to |
| | (1) UK (2) Japan | (3) Pakistan | (4) Indonesia | |
| 19. | Where did the four day biennial event, Defe homeland security exhibition take place in I | expo India 2016, India March 2016? | a's biggest ever land, naval an | ıd |
| | (1) New Delhi (2) Goa | (3) Hyderabad | (4) Pune | |
| 20. | Which among the following films has be National Film Awards for the year 2015 and | een selected as the lounced recently? | Best Feature Film in the 63 | rd |
| | (1) Piku | (2) Tanu Weds I | Manu Returns | |
| | (3) Bajrangi Bhaijaan | (4) Baahubali: T | he Beginning | |
| | Carlos a main training of the | | | |
| 21. | Johan Cruyff the famous football legend w belongs to | ho passed away at th | e age of 68 due to lung cance | er |
| | (1) Spain. (2) Dutch. | (3) France. | (4) Germany. | |
| JT/A | /2K16/05 5 | | · · · · · · · · · · · · · · · · · · · | |
| - | • . | | | |

| 22 | association with Itali | an luxury sports car | the FERRARI range of manufacturer, Ferrari in M | co-branded credit cards arch 2016? |
|-------|---|---|--|---|
| ٠ | (1) Citi Bank | (2) Yes Bank | (3) ICICI Bank | (4) Axis Bank |
| 23 | | ts latest offering in n | the WelcomHeritage ser | ies called WelcomHerita |
| | (1) Delhi. | (2) Shimla. | (3) Chandigarh. | (4) Srinagar. |
| 24. | -0 = 101111 X IIII | stream countries after | recently made a historic a gap of 88 years by any I | visit to which one of the JS President? |
| · · . | (1) Mexico | (2) Cuba | (3) Honduras | (4) Nicaragua |
| 25. | 20101 | t 2016', the exercise? | e for air power demonstra | tion held by the Indian Air |
| | (1) Gujarat | (2) Punjab | (3) Maharashtra | (4) Rajasthan |
| | | • • | | |
| | | QUANTITA | TIVE APTITUDE | |
| 26. | If a number is multipl half the square of that | ied by 22 and the sa number. Find the m | me number is added to it, t | hen we get a number that is |
| | (1) 45 | (2) 46 | (3) 47 | (4) Data insufficient |
| 27. | The average of x , y an Find the value of z . | dz is 45. x is as mu | ch more than the average a | s y is less than the average. |
| • | (1) 45 | (2) 25 | (3) 35 | (4) 15 |
| 28. | In what ratio should v 25% by selling the dilu | vater be mixed with uted liquid at ₹ 13.7: | soda costing ₹ 12 per litro 5 per litre? | e so as to make a profit of |
| | (1) 10:1 | /A\ | (3) 1:11 | (4) 12:1 |
| 29. | and 2070 respectively (| 00 in some shares in on his investment for | the ratio 2:3:5 which p that year. Find his divider | ay dividends of 10%, 25% and income. |
| • | (1) ₹1900 | (2) ₹2000 | (3) ₹2050 | (4) ₹ 1950 |
| 30. | Calculate his loss of ga | sold for ₹ 4500 gi in per cent (approx. | ves a loss of 16.66% to t), if he sells it for ₹5703.7 | the merchant who sells it. |
| | (1) Loss of 5.625% | | (2) Profit of 8.33% | |
| | (3) Loss of 7.0% | | (4) Profit of 5.60% | |
| JT/A, | /2K16/05 | • | 5 | |
| | | • | | |

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| 31, | profit on his cost. He | however, gives a 15% reentage profit made by | 6 discount on the marke | orice that gives him 80% ed price to his customer. |
|---|--|--|---|--|
| 951 | (1) 60% | (2) 64% | (3) 53% | (4) 57% |
| 32. | A sum of money place it amount to 8 times its | d at compound interest | doublestitself in 3 years | . In how many years will |
| • | (1) 9 years | (2) 8 years | (3) 27 years | (4) 7 years |
| 33. | If a principal P become same principle P become of the following is true | es Q in 2 years when if mes Q in 2 years when | nterest R% is compounded interest S% is compounded. | ed half yearly. And if the ded annually, then which |
| . 44 | (1) R > S | | (3) $R < S$ | (4) None of these |
| 34. | | | 5 10 min and 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| J ⊤. | sum total of their prese | e ages of A and B is 4; and ages. | 3. 18 years ago, this ra | tio was 11: 16. Find the |
| * ; | | (2) 105 years | (3) 110 years | (4) 80 years |
| 35. | and 16% of tin. A fuse zinc, and 10% of tin. V | ed mass of brass and br What is the ratio of coppe | onze is found to contain | % of copper, 4% of zinc 174% of copper, 16% of (4) None of these |
| 36. | while Vijay alone can | | the help of Pradeep, th | one can do it in 24 days ey finish the work in 12 |
| : | (1) ₹ 20 € FEE | (2) ₹ 100 | (3) ₹ 180 | (4) ₹50 |
| 37. | If A can fill the tank | a tank. Pipe A is for fill 10 hours and B can impletely fill a half empt | empty the tank in 15 ho | is for emptying the tank ours then find how many |
| | (1) 30 hrs | (2) 15 hrs | (3) 20 hrs | (4) 33.33 hrs |
| 38. | A car travels one-third one-third with a veloc | ity of 20 km/h and the l | | city of 10 km/h, the next ocity of 60 km/h. What is |
| - | (1) 18 km/h | (2) 10 km/h (5) | (3) 20 km/h | (4) 15 km/h |
| 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | emerco (no e- (n) | | |
| JT/A | /2K16/05 | 7 | ê | e Like See See See See See See See See See S |
| | | | | |

ENGLISH

| Dire | ections (Questions 39-4 d in the sentence. | 40): Choose the word w | hich best expresses the n | neaning of the underlined |
|-------------|--|---|--|---------------------------|
| 39. | It was a/an ignominiou | us defeat for the team. | | |
| | (1) shameful | (2) admirable | (3) unaccountable | (4) worthy |
| | | | | |
| 40. | Frantic efforts were m | ade to save the drowning | g child. | |
| * ** | (1) Hopeless | (2) Desperate | (3) Sincere | (4) Careful |
| | · · · · · · · · · · · · · · · · · · · | | | |
| in th | e sentence. | | 15 - 18 T | ng of the underlined word |
| 41. | | • | at the hands of her step- | • |
| ٠. | (1) penitence | (2) humility | (3) pride | (4) admiration |
| | His friends liked every | thing about him except | his <u>frugality</u> . | |
| | (1) short temper | (2) extravagance | (3) shabbiness | (4) punctuality |
| Dire | ections (Questions 43-4 n/phrase in the sentence | , •• | hich best expresses the n | neaning of the underlined |
| 43. | Despite being under de | ebt, Rahim <u>still keeps a </u> | good table. | · · |
| · | tered to the digital term of the | and the first of the second of the second | (2) entertains his guest (4) is lively and gay w | |
| 44 | He was a king who rul | led his subjects with a hi | ah hand | |
| , | (1) oppressively | (2) kindly | (3) sympathetically | eries estate |
| 43. | · | • | nly talking through his h | |
| | (1) talking insultingly(3) talking ignorantly | | (2) talking irresponsib(4) talking nonsense | 1 y |
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| | | s 46-47): A word has been wi ose the correctly spelt word. | citten in four different | ways out of which only one |
|--------|--------------------|--|--|--|
| | | (2) Entrepraneur | * | (4) Entreapreneur |
| | | trantis entinomia (- (1) | | TO DE MANAGRADA EL ÉLECTRONISTA DE LA COMPANIO DEL COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANION DEL COMPANION DEL COMPANION DEL COMPANIO DEL COMPANION DEL COMPANIO DEL COMPANION DEL COMPANIO DEL COMPANION DEL |
| 47. | (1) Soveriegnty | (2) Sovereignty | and the state of t | (4) Soveriegnity |
| | | | | The state of the s |
| | | Confected during | | "我们看到这种人的。" |
| | | s 48-49): In each of these que | estions, choose the wo | rd which can be substituted |
| jor i | he given sentence/ | woras. | Lating only | |
| 48. | A published verb | oal declaration of the intentior | s, motives, or views o | f the political party |
| | (1) Agenda | esedification (e) | (2) Manifesto | Sample of the |
| | (3) Report | | (4) Circular | |
| | | raily saturaged or cut of is | | |
| 49. | Something appear | aring to be true of real only ur | itil examined more clo | sely |
| | (1) Superficial | | (2) Superstitious | the property of the second |
| • | (3) Superfluous | The state of the s | (4) Supernatural | opple of proposition of the state of the sta |
| | a * | * S. F.Ev | ್ರಪ್ರಾಮಿಕಿಕು ಕ್ರಮಾನ್ಯ ಕ ಪಡೆಗಳು ಹಿಂದು ಬೆಡುಗಳು | |
| adi | | to the controls the path of | ili engas i mata tra sh | ing that and the contract |
| | | is 50-51): In each of these of | | |
| seni | tence. | Signaturio di massig (E) | | |
| 50. | The doctor warn | s him that unless he gives up | smoking, | इ. क्षेत्रण हिन्दु वृद्धाः । त |
| Ċ.D | (1) he will not su | uffer. | Astri degario a lo Em | r Heghan sawkigh C |
| | (2) his health wi | Il soon be recovered. | | e de la companya de l |
| | (3) he will not re | ecover | , 41 TH | |
| 1 | (4) will he be ab | ole to recover mes earl (*) | و ما الله الله الله الله الله الله الله ا | lasseries callings at the |
| , | | | 45 | |
| 51. | George is so laz | y that he | italia ome om en proper. | Artife o processor and the con- |
| | | l upon others for getting his w | roule dono | 1. 14. 14. 14. 14. 14. 14. 14. 14. 14. 1 |
| | (2) can seldom | complete his work on time. | The project of some and | Diagones and Start Cont. |
| tick | 2 (3) always exter | nds help to others to complete | their work. | The state of the second |
| 2.3.00 | | pletes his work on time. | the second of th | se warring to |
| | | (i) Maxlout | वार्तिक विकास | |
| | | TO MET TO SEA | | |
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| | | | | |
| | | | | |

COMPUTER SCIENCE

| | * • | |
|-------------|--|--|
| 52. | Race condition always arises in a/an | The Control of the Co |
| | (1) analog to digital converter. | (2) digital to analog converter. |
| v. | (3) asynchronous circuit. | (4) synchronous circuit. |
| | The state of the s | |
| 53. | A serial adder requires | |
| | (1) one full adder only. | (2) two full adder. |
| 's | (3) more than two full adders. | (4) one half adder. |
| | | |
| 54. | An up-down counter is also called | |
| | (1) forward/backward counter. | (2) bidirectional counter. |
| | (3) Both (1) and (2) | (4) None of these |
| | | s |
| 55. | The fastest logic family that does not operate for | ully saturated or cut off is |
| | (1) Resistor Transistor Logic. | |
| | (2) Transistor - Transistor Logic. | |
| | (3) Emitter Coupled logic. | |
| | (4) Complementary Metal Oxide Semiconduct | or. |
| | | |
| 56. | Which of the following programmings actu computer? | ally controls the path of the data within the |
| | 17 | (2) System programming |
| | (3) Micro programming | (4) None of these |
| * | | |
| <i>5</i> 7. | The process in which CPU of a computer take is called | s instruction from the memory and execute them |
| | (1) clock cycle. | (2) fetch execute cycle. |
| | (3) instruction sequencing. | (4) time sequencing. |
| | | |
| 58. | The total address space exceeds the size of phy | sical memory in which of the following? |
| | (1) Paging | (2) Segmentation |
| | | (4) None of these |
| , | 1.00 | |
| 59. | The minimum size of ROM required to sto multiplier will be | re the complete truth table of an 8-bit × 8-bit |
| , | (1) 32×16 k bit (2) 16 k $\times 16$ bit | (3) $64 \text{ k} \times 16 \text{ bit}$ (4) $64 \times 16 \text{ bit}$ |
| a . | | |
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| | | |

| 60 | . The statement | | | | | - |
|-------|--------------------------------|----------------------|---------------------------------------|-------------------|---------------------|--------------------|
| | printf("% f", | 8/5) prints | | | | |
| | (1) 1.0 | (2) 1.6 | · · · · · · · · · · · · · · · · · · · | (3) 2.0 | (4) ga | rbage |
| 61. | . A node can be ins | serted in a circular | list at rea | ar position by | | |
| • | (1) inserting at fro | ont position of the | queue. | . Pesition by | • | |
| | (2) inserting at Re | ear-1 position of th | e queue. | | | |
| | (3) inserting at Re | ear-2 position of th | e queue. | | | • |
| | (4) All these | | • • • | | | 1 |
| 62. | In a circular linke | d list árganimetic | | b 1 | | |
| 02. | (1) one pointer. | d list organization, | insertion | | · · | of |
| | (3) three pointers. | | | (2) two point | | |
| | (5) times pointers. | | | (4) None of t | hese | |
| 63. | Which of the follo | Wing types of one | otoma ho | 41-1-1 | | |
| | (1) Arithmetic ope | wing types of oper | ators nas | | | amming? |
| | (3) Logical operat | | | (2) Relationa | | |
| | () = Brown operati | O1 | | (4) All have | equal precedence | |
| 64. | A hash table has a 10% full is | space for 200 reco | rds. The | n the probability | of the collision be | efore the table is |
| ٠ | (1) 0.1 | (2) 0.2 | , | (3) 0.95 | (4) 1 | |
| 65. | The maximum num | aber of hinary trees | that car | ha formed with | farm 1.1 1 1 | |
| | (1) 12 | (2) 14 | o mai cai | (3) 7 | | des is |
| | * | (=) 11 | | (3).4 | (4) 15 | ٠ |
| 66. | Which of the follow | wing number of no | des can l | nave a full hinom | z twoo? | |
| | (1) 7 | (2) 15 | | (3) 31 | | d |
| | , a | , | | (3) 31 | (4) All | inese |
| 67. | The order of binary | search algorithm i | is | | | |
| | $(1) 2^n$ | , _ | | (3) Exp(n) | (4) T | |
| | | | ., | (3) Exp(II) | (4) Log | n |
| 68. | The Context Free C | Frammar (CFG) is 1 | not close | d under | | |
| | (1) Product. | | , | (2) Union. | | |
| | (3) Complementation | on | | (4) Both (1) ar | nd (2) | |
| | | | | · / · (-) w | (-) | |
| JT/A/ | /2K16/05 | | 11 | | | |
| | - . | | | | - | |

| UY. | Recursive languages are closed un | der | | | |
|-------|--|--------------------------|--------------|----------------------------|--------|
| | (1) union. | (2) in | tersection. | | |
| | (3) complementation. | • , | ll these | , | |
| 70. | Which of the following statements (1) The class of Context Free Lang (2) All regular grammars need not | uage (CFL) is not c | losed under | union | |
| | (3) Accepted word can only form a(4) All these | | | | |
| 71. | Which of the following data streets | | 1 . 110 | | · , |
| , 1. | Which of the following data structs (1) Binary Trees (2) Pointer | | | reduce parsing? (4) Stacks | i |
| 72. | Which of the following is discriming | ator of the weak en | tity? | 4.5 | 3 |
| | (1) Date | | ansaction m | ımber | 1 |
| | (3) Both (1) and (2) | | one of these | | |
| | en e | ., | | | |
| 73. | In relational Schema, each tuple is | divided into fields c | alled | | * |
| - 1 | (1) Domains. (2) Trees. | (3) Qu | ieries. | (4) Chain. | |
| 74. | The employee salary should be greater hidden from the employee is | ater than 10000 is | | _ and Manager's salary o | letail |
| | (1) integrity constraint, external lev(2) referential constraint, external lev | | | | |
| | (3) integrity constraint, physical lev | | • • | | |
| | (4) integrity constraint, conceptual | | | | |
| | ्रेटिया प्रदेशी इंडिया प्रदेशी | Property of the second | ~ }.* | | |
| 75. | Normalization of database is used to |) - 1, 1 - 1 - 1 - 1 - 1 | * | | |
| | (1) reduce errors. | | prove securi | itv. | |
| | (3) eliminate redundancy. | ^ | these | | |
| | A STATE OF THE STA | | , , | | |
| 76. | The extent to which the software invalid input is called | can control to oper | ate correctl | y despite the introduction | on of |
| | | (2) per | | | |
| | (0) | (4) reli | | • | - |
| | | | | | |
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| | • | | | • | |

| 77. | Which of the following parts of operating program? | system coordinates the | activities of the othe |
|------------|---|--|-------------------------------|
| | (1) CPU (2) Mother Board | (3) Supervisor | (4) File Manager |
| 78. | Two commands with different names share the (1) aliasing situation. (2) race condition. | | (4) None of these |
| 79. | In networking terminology UTP means, (1) Uniformly Twisted Pair. (2) Uniform Termination Pair. | (2) Unshielded Twister | |
| | (3) Uniform Terminating Pair. | (4) Unshielded Task P | air, |
| 80. | Different computers are connected to a LAN by | | |
| | (1) cable and modem. | (2) cable and interface | card. |
| | (3) special wires. | (4) telephone lines. | • |
| 01. | In half duplex communication system, | | |
| 81. | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions of (4) None of these | | n at a time. |
| 81. | (1) transmission takes place in both directions,(2) transmission takes place in one direction.(3) transmission takes place in both directions | | n at a time. |
| `` | (1) transmission takes place in both directions,(2) transmission takes place in one direction.(3) transmission takes place in both directions (4) None of these | | at a time. (4) <form></form> |
| `` | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions (4) None of these Web pages start with the tag | simultaneously. (3) < HEAD > | |
| 82. | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions of (4) None of these Web pages start with the tag (1) < HTML> (2) < BODY > Which of the following is location of map defined. | simultaneously. (3) < HEAD > nition file? | (4) <form></form> |
| 82. | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions of (4) None of these Web pages start with the tag | simultaneously. (3) < HEAD > nition file? (3) TRASH | (4) <form></form> |
| 82. | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions of these (4) None of these Web pages start with the tag | simultaneously. (3) < HEAD > nition file? (3) TRASH | (4) <form></form> |
| 82. | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions of (4) None of these Web pages start with the tag | simultaneously. (3) < HEAD > nition file? (3) TRASH | (4) <form></form> |
| 82. | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions of these (4) None of these Web pages start with the tag | simultaneously. (3) < HEAD > nition file? (3) TRASH e. | (4) <form></form> |
| 82. 83. | (1) transmission takes place in both directions, (2) transmission takes place in one direction. (3) transmission takes place in both directions of these (4) None of these Web pages start with the tag | simultaneously. (3) < HEAD > nition file? (3) TRASH e. | (4) <form> (4) CGI-BIN</form> |

ANSWER SHEET

TARTA: WRITE WITH BLUE BALL POINT PEN ONLY USE BLUE BALL POINT PEN ONLY FILL UP ALL THE RELEVANT COLUMNS ON THIS PAGE FAILING WHICH YOUR ANSWER SHEET WILL BE INVALIDATED. DELHI MIGH COURT 1. NAME (AS FILLED IN THE APPLICATION/REGISTRATION FORM) C 2. DATE OF BIRTH 3. TEST DATE 4. CANDIDATE'S SIGNATURE INVIGILATOR'S SIGNATURE I have carefully examined the identity of this candidate and BOOKLET SERJES - A also all the entries made in SIDE -1, PART A & SIDE - 2, PART B. I certify that these are correct. SEAL OF EXAMINATION CENTRE NEGATIVE MARKING - 25%.

IMPORTANT INSTRUCTIONS

- 1. Read carefully the instructions in the Question Booklet.
- 2. Each question has four answer options. Mark the answer option number by darkening the corresponding oval. Shade only ONE oval.
- 3. For marking answer, completely darken the chosen oval as shown in the correct method below:

Correct Method ① 3 4

Wrong Method 🌣 🗸 🔾 💿

A A A

- 4. Once an oval is darkened as answer to the question, it is final. Any change by erasing, using fluid and making cross (X) in the oval is not permitted.
- 5. Make no stray marks on this sheet.

- 6. Non adherence of any instruction will lead to the cancellation of candidature.
- 7. There will be 25% Negative marking for every wrong answer.

PART B: WRITE WITH BLUE BALL POINT PEN ONLY

BOOKLET SERIES

B

DO NOT OPEN THIS QUESTION BOOKLET UNTIL ASKED TO DO SO.

PLEASE READ INSTRUCTIONS ON THE BACK COVER CAREFULLY.

| Please fill | in the | e follov | ving c | letails ı | using b | all po | int per | ٦. | | • | |
|-------------|--------|----------|--------|-----------|---------|----------------|---------|----|----|----------|-----|
| Roll No. | | | | . , | | | | | ٠. | | |
| | | | ~~. | | • | | | | | | · , |
| Name | | - · | - | | | • | | | | • | |
| | | | | , s | | # • | | | | | |
| Signature | | ٠, | | | | , : | · . | · | | <u>-</u> | |

THE QUESTION BOOKLET AND OMR ANSWER SHEET SHOULD BE HANDED OVER TO THE INVIGILATOR ON COMPLETION OF THE TEST.

SEAL

GENERAL INTELLIGENCE

| Directions (Questions 1-2): Each of these questions has statements followed by two conclusions I and II. Decide which of the conclusions follows from the statements. |
|--|
| Mark answer as the state of the |
| - (1) if conclusion I follows: The beliefs have the hours and the industrial the the |
| (2) if conclusion II follows. |
| (3) if neither conclusion I nor II follows. |
| (4) if both conclusions I and II follow. |
| 1. Statement: Space has no gravitational pull. It has no atmosphere. |
| Conclusions: The state of the state of the cold of the |
| I. Gravity is due to atmospheric pressure. |
| II. It is not difficult to breathe in space. |
| |
| 2. Statement: Computer literates have good reasoning ability. Seema can understand the puzzle quickly. |
| Conclusions: |
| I. Seema is computer literate. |
| II. Seema has good reasoning ability. |
| |
| ि संदर्भ रेताव रास्त्रभी देश राज्य संदर्भ की क्षेत्रमार बुद्धा केन्द्र के स्थान कर है। है है के स्थान कर है है है |
| Directions (Questions 3-4): Complete the series by replacing ? |
| and the state of t |
| 3. ZIC, W4E, T9H, Q16L, N25Q, "?" |
| (1) P36W (2) K33V (3) K36S (4) K36W |
| 4. 2AD4, 3EH9, 4IL16, 5MP25, '?' |
| (1) 6MS36 (2) 6QT36 (3) 6PT36 (4) 6QU36 |
| guine ha spirit de rive diel à dage à globel deux directions de la langue à de la compagne de la section de la |
| Directions (Questions 5-6): Find the odd one out in each of these questions. |
| 5. (1) 69, 43 (2) 63, 47 (3) (3) 34, 85 (4) 65, 23 |
| |
| 6., (1), E12O4S. (2), C9L3O (3), J6P4T. (4), G9P3S |
| 7. Pointing to a man in a photograph, Sakshi said, "His brother is the father of the son of my grandmother". How is Sakshi related to the man in the photograph? |
| (1) Grandniece (2) Niece (3) Daughter (4) Granddaughter |
| (2) Daughter (4) Oranguaughter |
| JT/B/2K16/05 3 301/(2) |
| JT/B/2K16/05 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |
| しょとして ちょうしん しょくしゅう オインスター かんりかんしょ しんりょう アンドラ アンドラ アンドラ 大橋 |

| 0. | is GREECE coded? | s 1234526 and FRANCE is writte | n as 785291, how |
|---------|---|--|--------------------------------|
| - P | (1) 381171 yet beween (2) 381191 was and | (3) 832252 (4) 83 | 35545 |
| - | the systements. | दा है। में मेरदादक अंदर्शकों हैं जिसेन कर दूर द | ille who established |
| 9. | One day, Ramesh left home and cycled 10 turned right and cycled 10 km and turned le have to cycle to reach his home straight? | km southwards, turned right and aft and cycled 10 km. How many | kilometers will he |
| · | (1) 25 km (2) 20 km | (3), 15 km 11 12, 17 (12) 27 (4) 10 | Çkm 🦮 😁 |
| 10. | Six students A, B, C, D, E and F are sitting are from Bengaluru. D and F are fall while are boys. Who is the tall girl from Bengaluru | others are short. A, C and D are | elhi while the rest |
| | $(1) F \qquad (2) E$ | (3)*C31q artodgaesa). 14 (4) D | 1 |
| | | อกรสุด ค่า อาร์เพลาะ การ เลกาน | के किया है। |
| Ďij. | DANG JANU 1995 BURGERAN SHIPE YARRADAR JA | o the action of the control of the control of the | i Linaa soosa ossa II |
| Dire | ctions (Questions 11-13): Study the following | information carefully to answer | hese questions. |
| | A. Seven students Pradeep, Qadir, Rohit, Su | isnant, Tusnar, Uday and Vikas Wi | ite a test series. |
| | B. Either Rohit or Sushant scores the highesC. Pradeep always scores less than Vikas. | and the state of t | |
| | • · · · · · · · · · · · · · · · · · · · | १९ ४ औं rearming ability. | भू व्यक्ति है। |
| ٠, | D. Qadir always scores less than Pradeep. | | |
| • | E. Each time Rohit scores the highest, Tush | | in the second of |
| | F. Each time Sushant scores the highest, eit | | 成了在29 HE Win 1996年1 |
| • | G. Each student scores marks different from | i each other. | LANGUES - |
| 11. | In a particular test, if Sushant is ranked secon | | .i |
| ž | (1) Uday gets more marks than Vikas. | (2) Vikas is ranked fifth. | e Heradae e |
| ٠ | (3) Tushar gets more marks than Qadir. | (4) Pradeep is ranked 3rd. | |
| 12. | In a particular test, if Sushant is ranked sixt can be true? | h and Qadir is ranked fifth, whicl | n of the following |
| | (1) Vikas is ranked first or fourth. | (2) Rohit is ranked second or | केला है। उपल्डिक इस्टिंग्स |
| • | (3) Pradeep is ranked second or fifth. | (4) Uday is ranked third or fo | 2. |
| ٠. | In a particular test, if Rohit is ranked secon must be true about Tushar's rank? (1) Fourth (2) Third | | E E |
| • • | a in the philograph. | " For a Saura rustal to us ma | ANGUAR AL |
| | (3) Daughter (4) Grandden Prer | ensett (T) | and restriction of the |
| JT/B | /2K16/05 4 | | ें हें - डेंग्लेडिट र एक्टर |
| *hump** | | | a . |
| • | | | |

the de A. The he glotted to give a basethe GÉNERAL AWARENESS

| 14. | | ollowing states/UTs has of India in February 201 | | lared country's first digital |
|---------------------|---|---|--|---|
| ; | (1) Chandigarh | (2) Delhi | (3) Gujarat | (4) Kerala |
| * * * * * * | nesni gerasi ya Koras. | A CONTRACTOR SAN THE | , in the second of the | All and the state of the state |
| 15. | Parliament building of completely run on sola | of bec | ame the first in the | world in February 2016 to (4) Indonesia |
| | • | · | | |
| 16. | Where did the four da | y biennial event, Defexp nibition take place in Ma | o India 2016, India's | biggest ever land, naval and |
| | (1) New Delhi | (2) Goa excellent | (3) Hyderabad | (4) Pune |
| 17. | Which among the fo National Film Awards | llowing films has been for the year 2015 annou | selected as the Be | st Feature Film in the 63 rd |
| | (1) Piku | ę . | (2) Tanu Weds Ma | nu Returns |
| 25% | and arconner | dolder 1. to 5 diniods dolder and the dealth | รณ์ แสงสหรัฐ ประชากา | right face profession and |
| 18. | Johan Cruyff the fame belongs to | ous football' legend who | passed away at the | age of 68 due to lung cancer |
| अग्री | | (2) Dutch. | (3) France. | (4) Germany. |
| 19. | Which Bank in Indiassociation with Italia | a has introduced the In luxury sports car manu | ERRARI range of facturer, Ferrari in M | co-branded credit cards in larch 2016? |
| s.763 | (1) Citi Bank | (2) Yes Bank | (3) ICICI Bank | (4) Axis Bank |
| 20. | ITC has launched its Haveli Dharampura in | | WelcomHeritage se | ries called WelcomHeritage |
| | (1) Delhi. | (2) Shimla. | (3) Chandigarh. | |
| 21. | The US President B | arack Obama has recer rican countries after a ga (2) Cuba | itly made a historic | visit to which one of the |
| 22: | iter in the mortist | 2016, the exercise for | พลเริ่ม ราชาลหาร ใก้ไป | ` ' .+ |
| ė. | (1) Gujarat | (2) Punjab (3) | (3) Maharashtra | (4) Rajasthan |
| J _, T/B, | /2K16/05 | . 5 | ξ. : | |

| 23. | The internet pione age of 74 years. | er and e-mail invento | or has pas | sed away recently in USA at the |
|--------------------|--|---|--|---|
| | (1) Anita Brookne | r | | |
| | (3) Lloyd Stowell | | (2) Raymond T | 'omlinson |
| | (a) may a prower | Snapley | (4) George Her | ry Martin |
| 24. | Which one of the Myanmar Governm (1) Indian Oversea | | ed banks from India wa other Asian banks? | as granted operating licence by |
| | | | (2) Bank of Bar | roda |
| | (3) State Bank of In | ndia | (4) Central Ban | |
| 25. | Who has become 2016? | the 7 th Chairman of | the National Human R | ights Commission (NHRC) in |
| | (1) R M Lodha | | (2) K.G. Balakri | ahnan |
| | (3) H L Dattu | | (4) None of thes | siman |
| | | | (*) None of thes | e . |
| | | · - | | |
| · | | QUANTITA | ATIVE APTITUDE | • |
| 26. | A man invests 多10 | 000 | | • |
| - ' | and 20% respectivel (1) ₹ 1900 | y on his investment f (2) ₹2000 | in the ratio 2:3:5 which or that year. Find his div (3) ₹2050 | |
| , | • | | | (4) ₹1950 |
| | A music system wh Calculate his loss or (1) Loss of 5.625% | en sold for ₹ 4500 g gain per cent (approx | in, it lie sells it for \$ 3/ | to the merchant who sells it. |
| | (3) Loss of 7.0% | | (2) Profit of 8.339 | |
| | 5) Loss 01 7.0% | | (4) Profit of 5.609 | % |
| ., (| Calculate the actual p | an article for ₹ 400 e, however, gives a ercentage profit mad (2) 64% | and marks it for sale at 15% discount on the me by the shopkeeper. (3) 53% | t a price that gives him 80% narked price to his customer. (4) 57% |
| 29. A | Sum of money place | ed at agent 11 | | |
| it | amount to 8 times it | self? | rest doubles itself in 3 y | ears. In how many years will |
| | • | (2) 8 years | | (4) 7 years |
| 30. If sa of | a principal P become principle P become following is true | nes Q in 2 years whe omes Q in 2 years where? | n interest R% is compound interest S% is compound interest S% is compound in the compound in t | unded half yearly. And if the bunded annually, then which |
| |) R > S | (2) R = S | (3) $R < S$ | (4) None of these |
| Г/B/2K | 16/05 | • | | • |
| | | 6 | • | • |
| | | | | • |
| | | | | |

| .31 | The present ratio of sum total of their pro | the ages of A and B is esent ages. | 4:5.18 years ago, the | his ratio was 11: 16. Find the |
|----------------|--|--|---|--|
| 1,74 | (1) 90 years | 59 (2) 105 years - And | (3) 110 years | (4) 80 years |
| 32 | . Brass is an alloy of and 16% of tin. A fizinc, and 10% of tin. | copper and zinc. Bronz ised mass of brass and What is the ratio of co | ze is an alloy containing bronze is found to copper to zinc in Brass? | ng 80% of copper, 4% of zinc ontain 74% of copper, 16% of |
| | (1) 64% and 36% | (2) 33% and 67% | (3) 55% and 45% | (4) None of these |
| 22 | | <u>vidonad id</u> | ATEGER CONTINUE FRANCES | the way are a sulfit |
| 33. | days. How much sho | ertake to do a piece of in do it in 30 days. W uld Pradeep get for his | work for ₹200. Aja ith the help of Pradee work? | y alone can do it in 24 days p, they finish the work in 12 |
| i None a | (1) ₹ 20 | (2) ₹ 100 | . (3) ₹180 | (4) ₹ 50 |
| 34. | There are two nines i | an emonitory and a Mi | Chees the order | |
| | hours will it take to co | ompletely fill a half em | nty tank? | be B is for emptying the tank. 5 hours then find how many |
| , , | (1) 20 III 3 | (2) 15 nrs/ | - (43) 90 hre's 7095 b | 74 (4) 33.33 hrs |
| 35. | one-third with a velocity o | d of the distance on a ity of 20 km/h and the f the car for the whole | straight road with a v last one-third with a ourney? | elocity of 10 km/h, the next velocity of 60 km/h. What is |
| | (1) 18 km/h | | (3) 20 km/h | (4) 15 km/h |
| 36. | If a number is multipli half the square of that | ed by 22 and the same number. Find the numb | number is added to it, | then we get a number that is |
| • | (1) AP | (2) 46 Justa (4) | | (4) Data insufficient |
| 37. | The average of x , y and Find the value of z . | 1z is 45. x is as much r | nore than the average | as y is less than the average. |
| igna i nudi di | (1) 45 class to the more | (2) 25 100 1 30 30 | (3) 35 m man 1 - 180 m 35 m m m 1 - 180 m 35 m m m m 1 - 180 | (4) 15° |
| 38. | In what ratio should w 25% by selling the dilu | ater be mixed with so | do operius # 10 | e so as to make a profit of |
| | (1) 10:1 (ing. temps : \$ | (2) 11:1 Sing Supple re | i nueț | |
| | | | | |
| ı Tini i | | | | |
| H/B/ | 2K16/05 | 7 | | |
| | | | | |
| , | | | | |
| | - , | | | • |

| and build do the same control of the Sieng | _ | de cos e recontação (d. 11. Sendrador de brada pre- |
|--|--|---|
| Directions (Questions 39-40): Choose the word win the sentence. | | - |
| 39. Savita did not heed the <u>disdain</u> she had to beat the disdain she had to be | if at the hands of her step- god(3) pride | mother. |
| (?) "5% and 65% . (4) None of these | (c) Induntly | 115 6m. 196 (1) |
| 40. His friends liked everything about him excep | t his <u>frugality</u> . | |
| | in (3) shabbiness if we seek the in the in- | r anchi york oldin |
| (4) 7 180 | Mary Co. | (6) [4] (6) |
| Directions (Questions 41-43): Choose the option idiom/phrase in the sentence. | which best expresses the | meaning of the underlined |
| idiom/phrase in the sentence. I has hear of graduated graduated graduated as the sentence of the sentence of the sentence of the sentence of graduated gradu | Profit Committee | 34. The size was piped on the construction of |
| (1) keeps up an outward show of prosperity | (2) entertains his gues | sts sumptuously. |
| (3) helps his friends with money | | |
| 42. He was a king who ruled his subjects with a 1 (1) oppressively (2) kindly 05 (8) | ngh hand. (3) sympathetically | dovición produción. Victorias producións |
| 43 mildid not mind what he was saying as he was, | only talking through his b | 1916 |
| | (2) talking irresponsib | |
| (3) talking ignorantly | (4) talking nonsense | |
| more than the giverage as y is less than the average | cafologica et a . Ele et o ana | |
| Directions (Questions 44-45): A word has been was correctly spelt. Choose the correctly spelt word. | vritten in four different w | ays out of which only one |
| 44.ம் (1) Entreprenuer ைவட்(2) Entrepraneur ஸ் சேரி ம | Carriebreneurs (3) Entrepreneurs von | (4) Entreapreneur |
| 45. (1) Soveriegnty (2) Sovereignty | (3) Sovereignity | (4) Soveriegnity |
| T/B/2K16/05 | | |

| | rections (Questions 46-47): In each of these questions schoose the word which can be substi- the given sentence/words. | tuted |
|--------------|--|-------------|
| 46. | The covernment | 7 |
| 40. | (1) A 1 | |
| | (1) Agenda (2) $\theta \in (E)$ (2) Manifesto (5) (4) Circular | |
| | A made can be inserted in a circular list at ever position by | ٠ ,٧٤ . |
| 47. | . Something appearing to be true or real only until examined more closely on the state of the st | |
| | (2) Superficial (2) Superstitious of the state of the second seco | |
| | (3) Superfluous at Reserva paratural and Supernatural and | 1 |
| 51 <u>.</u> | to the high the first the transfer of the control o | |
| TN22 | | to 182 |
| | rections (Questions 48-49): In each of these questions, choose the best option to complete | ie ine |
| | (3) theo points. (4) Note of these | |
| 48. | . The doctor warns him that unless he gives up smoking, | |
| · · . | (1) he will not suffer. (2) his health will soon be recovered. (2) his health will soon be recovered. (3) he will not suffer. (4) To write a possible of the sound of the | 777 |
| , | (3) he will not recover, large eval IIA (A) reisting large large (E) | •. |
| | (4) will he be able to recover. | |
| ai 91 49. | ه المعتمد المادة المعتمد والمعتمد على المعتمد المعتمد المعتمد المعتمد المعتمد والمعتمد والمعتمد المعتمد والمعتمد المعتمد والمعتمد والمعتم | Ċ. |
| | (1) can't depend upon others for getting his work done. 5.0 (5) | |
| | (2) can seldom complete his work on time. | |
| ` | (3) always extends help to others to complete their work. Visual to isdum minutes and | ~ D |
| | (4) always completes his work on time. (5) | i |
| •. • | | , |
| | Which of the following ownber of nodes can have a full hindry tros! | |
| Dir | irections (Questions 50-51): Choose the word which best expresses the meaning of the under | rlined |
| | ord in the sentence. | , ,,,,,,,,, |
| | The oract of binary search algorithm is | |
| 50. |). It was a an ignominious defeat for the team. | } . |
| $t_i(s)$ | (1) shameful (2) admirable (3) unaccountable (4) worthy | |
| | the Context Free Grammur (CFG) is not closed under | 69 |
| 51. | Frantic efforts were made to save the drowning child. | |
| ٠. | (1) Hopeless (S(2) Desperate (4) (3) Sincere (4) Careful | |
| | | |
| JT/E | /B/2K16/05 9 or ecaps | NāKI. |

| 52. The statement | PUTER SCIENCE TO STATE OF STATE OF THE PROPERTY OF THE PROPERT |
|--|--|
| · · · · · · · · · · · · · · · · · · · | or or the local state of the land of the country of the |
| (1) 1.0 (2) 1.6° makes | |
| Circulation of the control of the co | |
| 53. A node can be inserted in a circular list | |
| (1) inserting at front position action | at rear position by |
| (1) inserting at front position of the quei(2) inserting at Rear-1 position of the quei | ue, may have his more in adding a second for the activity |
| (3) inserting at Rear-2 position of the qu | leue. |
| (4) All these | leue. |
| X | |
| 54. In a circular linked list organization | |
| (1) one pointer. | ertion of a record involves modification of |
| CONTRACTOR OF THE PROPERTY OF | (4) two pointers. |
| pointers. | (4) None of these |
| 55. Which of the following to the | |
| (1) Arithmetic operator | s has the highest precedence in C programming? |
| (3) Logical operator | (2) Relational operator |
| (5) Dogical operator | (4) All have equal precedence |
| 56. A hash table has a space for 200 | ्रिक्ट किंद्र के अपने के लिए हैं कि |
| 10% full is | Then the probability of the collision before the table is |
| /4\ | |
| (4) 0.2 mg/ 30.0 kg | (4) 1 |
| 57. The maximum number of binary trees the | Books of the property of the p |
| (1) 12 (2) 14 | can be formed with four unlabeled nodes is |
| | (3) 7 |
| 58. Which of the following number of male | |
| 58. Which of the following number of nodes c | an have a full binary tree? |
| (1) 7 (2) 15 (2) 15 | (4) All these |
| 9. The order of hindry goonsh -1 | The first of the second of the |
| (1) 2 ⁿ | (3) Exp(n) 200 (4) Log n |
| (2) if | (3) Exp(n) 250 a (4) Log n |
| 0. The Context Free Grammar (GEG) | Administration (2) continue (2) |
| 0. The Context Free Grammar (CFG) is not cl | losed under |
| (3) Complementation | gent (2) Union see of the |
| (3) Complementation. | (4) Both (1) and (2) |
| | |
| | |
| [/B/2K16/05 | |

| 61. | Recursive languages are closed u | inder and a | riagin'i a | ขากสอใช้ | SAL THE EDITION | |
|---------|--|----------------------------------|---------------------------------------|---|--|------------------|
| | (1) union. | | (2) intersection | ٠, | ्रायान अस्ति स् | · |
| | (3) complementation. | | (4) All these | | | |
| 62. | Which of the following statemen | its is not true? | i orași decenția. Domain decenția: | raei, tia dirite | British Child | ; , * |
| | (1) The class of Context Free La | - H | | • | and the state of t | |
| | (2) All regular grammars need no | ot to be regula | ľ | | * . | |
| | (3) Accepted word can only form (4) All these | n a language | The Penetral : | | Tringe of the | , . |
| | (4) An these | ing W | | • | of Theoretical | |
| 63. | Which of the following data struc | ctures is main | ly used during s | hift-reduce na | reina? | |
| | (1) Binary Trees (2) Point | ters | (3) Queues | (3) 1 (6) (1) (2) (7) | Stacks | ; . |
| 64. | Which of the following is discrin | inator of the | weak entity? | | ADM resource (CD) | |
| | (1) Date | | (2) Transaction | on number | , , , , , , , , , , , , , , , , , , , | |
| , | (3) Both (1) and (2) | th allem ites law | (4) None of the | nese | | ·\$7, |
| ٠. | and the first of the control of the | a magazine or a | | | | 1 |
| 65. | In relational Schema, each tuple i (1) Domains. (2) Trees | is divided into | fields called | indula (bittled 1). Trickler senten ti | and the second of the second | |
| | (1) Domains. (2) Trees | | (3) Queries. | (4) | Chain. | |
| | | 3 - T | | · · · | | |
| 66. | The employee salary should be g | greater than 10 | 0000 is | and Ma | nager's salary de | tail |
| * | are hidden from the employee is | ine it. | N. C. (10) 17 | 121 | CTRESPORT IN | |
| · /¿- | (1) integrity constraint, external l | evel data hidii | ng | | | |
| 4. | (2) referential constraint, external | | | n a sa dh | 主要的加州各市协 | |
| | (3) integrity constraint, physical 1 (4) integrity constraint, conceptua | ever data mor | ng in in the second | | ा गाउँ(। | - |
| | (4) mognity constraint, conceptus | ii ievei data ni | | | . * | |
| 67. | Normalization of database is used | l +A | | | | Ä, |
| , | (1) reduce errors. | | . क्योर्ड । प्रदूषात स्थापन | racional con | Mi almaşıy | |
| · · · . | (3) eliminate redundancy. | | $_{0}$ (2) improve so | ecurity, dispression | odralistic L | ٠. |
| , | (5) Similar Foundation | 18e | 3 (4) All these | | • | |
| 68 | The extent to which the coffware | o oom combust | | 929 | ijin provincijaji i | |
| | The extent to which the software invalid input is called | | | | | of |
| • .; | (1) antivirus efficiency | Jane 1 19 | (2) performan | d en al but a | or Spirit | ï š |
| | Asserted the second of the sec | droh (F) | (4) reliability | 22 ATERIO PAGE | | • |
| | There is a second of the secon | KOMO MY 1 1 1. Maria di Maria | (4) reliability. | भी स्थितिहरू | व्यविधालती जो विहेर | |
| | | | | | | |
| JT/B/ | /2K16/05 | 11 | | | The Atlanta | |

| | program? (1) CPU (2) Mother Board | (3) Supervisor (4), File Manager |
|----------|---|--|
| 70. | Two commands with different names share t (1) aliasing situation. (2) race condition. | the same code is called (3) toggle condition. (4) None of these |
| 71. | In networking terminology UTP means, (1) Uniformly Twisted Pair. (3) Uniform Terminating Pair. | (2) Unshielded Twisted Pair. (4) Unshielded Task Pair. |
| 72. | Different computers are connected to a LAN | N by (2) cable and interface card. |
| 73. | (3) special wires. In half duplex communication system, (1) transmission takes place in both direction | out the state of t |
| •. | (2) transmission takes place in one direction (3) transmission takes place in both direction (4) None of these | ons simultaneously. |
| 74 | Web pages start with the tag(1) < HTML> (2) < BODY > | which each to ref force a little and force in the |
| 75. | | definition file? IN (3) TRASH (4) CGI-BIN |
| · . · | What is the function of Markup Tags? (1) It tells the web browser to organize the (2) It tells the web browser to display the (3) It tells the web browser to update the p (4) None of these | page. |
| 30 | . XML is and tags element in XM (1) declarative language, case sensitive | IL are (2) declarative language, case insensitive |

| 78. | Race condition always arises in alang House | STACE POR G |
|----------------|---|--|
| | (1) analog to digital converter. | (2) digital to analog converter. |
| | (3) asynchronous circuit. | (4) synchronous circuit. |
| 79. | A serial adder requires | |
| | (1) one full adder only. | (2) two full adder. |
| | (3) more than two full adders. | (4) one half adder. |
| | (5) more than two full adders. | (4) One han adder. |
| 80. | An up-down counter is also called | |
| • | (1) forward/backward counter. | (2) bidirectional counter. |
| | (3) Both (1) and (2) | (4) None of these |
| | | |
| 81. | The fastest logic family that does not operate | fully saturated or cut off is |
| | (1) Resistor Transistor Logic. | |
| ٠ | (2) Transistor -Transistor Logic. | |
| | (3) Emitter Coupled logic. | |
| • | (4) Complementary Metal Oxide Semiconduc | etor. |
| | | |
| 82. | Which of the following programmings ac computer? | tually controls the path of the data within the |
| | (1) Assemble language programming | (2) System programming |
| . , | (3) Micro programming | (4) None of these |
| | | |
| 83. | The process in which CPU of a computer take is called | ces instruction from the memory and execute them |
| | (1) clock cycle. | (2) fetch execute cycle. |
| | (3) instruction sequencing. | (4) time sequencing. |
| | | |
| 84. | The total address space exceeds the size of ph | ysical memory in which of the following? |
| • | (1) Paging | (2) Segmentation |
| | (3) Both paging and segmentation | (4) None of these |
| | | |
| 85. | The minimum size of ROM required to st multiplier will be | ore the complete truth table of an 8-bit × 8-bit |
| | (1) 32×16 k bit (2) 16 k $\times 16$ bit | (3) 64 k ×16 bit (4) 64×16 bit |
| e ² | | |
| | | |
| IT/D | ./2K16/05 13 | The Course of th |

ANSWER SHEET

| PART A: WRITE WITH BLUE BALL POINT PEN ONLY | USE BLUE BALL POINT PEN ONLY |
|--|--|
| FILL UP ALL THE RELEVANT COLUMNS ON THIS PAGE FAILIN | G WHICH YOUR ANSWER SHEET WILL BE INVALIDATED. |
| 1. NAME (AS FILLED IN THE APPLICATION/REGISTRATION FORM) | |
| JJA-TECHNICAL | -DHC |
| 2. DATE OF BIRTH D D M M M Y Y | 3. TEST DATE 08/05/16 D D M M Y Y |
| 4. CANDIDATE'S SIGNATURE | INVIGILATOR'S SIGNATURE |
| BOOKLET SERIES - B | I have carefully examined the identity of this candidate and also all the entries made in SIDE -1, PART A & SIDE -2, PART B. I certify that these are correct. |
| SEAL OF EXAMINATION CENTRE | NEGATIVE MARKING - 25% |
| | Ses |
| | |

IMPORTANT INSTRUCTIONS

- 1. Read carefully the instructions in the Question Booklet.
- Each question has four answer options. Mark the answer option number by darkening the corresponding oval. Shade only ONE oval.
- 3. For marking answer, completely darken the chosen oval as shown in the correct method below:

Correct Method ① • 3 4

Wrong Method ♥����

- 4. Once an oval is darkened as answer to the question, it is final. Any change by erasing, using fluid and making cross (X) in the oval is not permitted.
- Make no stray marks on this sheet.
- 6. Non adherence of any instruction will lead to the cancellation of candidature.
- 7. There will be 25% Negative marking for every wrong answer

| PLEASE | DO NOT WRITE ANYTHING | IN THIS AREA | | | |
|--------|-----------------------|--------------|----|--|--|
| | 0000000 | 00000000 | 00 | | |
| | ANSWER SHEET NO. | 106953 | | | |

68 1

(3)

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17 1

(2)

(3)

(1)

(3)

BOOKLET SERIES



DO NOT OPEN THIS QUESTION BOOKLET UNTIL ASKED TO DO SO.

PLEASE READ INSTRUCTIONS ON THE BACK COVER CAREFULLY.

| oll No. | | | | | | | | | £ |
|-----------|-----|---|---|-----|----------|--|-----|---------------------------------------|---|
| | | | * | . ` | ŕ | | . 7 | | |
| ame | • | • | | | ٠ | | | · | |
| lamáti má | o • | - | | | · . | | | | |
| gnature _ | | | | | <u> </u> | | | · · · · · · · · · · · · · · · · · · · | |

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301//1

| | | | NTELLIGENCE AND | |
|----------|--|--|---|---|
| Dire | | 2). Complete the series | by replacing 1? | |
| 1. | Z1C, W4E, T9H, Q1 (1) P36W | (2) K33V | (3) K 36 S | (4) K36W |
| 2. | 2AD4, 3EH9, 4IL16 | 5, 5MP25, '?' | | |
| ٠,. | | . , | (3) 6PT36 | (4) 6QU36 |
| Dire | | | t in each of these questio | ns. |
| 3. | (1) 69, 43 · · · · · · · · · · · · · · · · · · | (2) 63, 47 | (3) 34, 85 | (4) 65, 23 |
| 4. | (1) E12O4S | (2) C9L3O | (3) J6P4T | (4) G9P3S |
| 5. | | | i said, "His brother is t man in the photograph? | he father of the son of my |
| · • - | (1) Grandniece | (2) Niece | (3) Daughter | (4) Granddaughter |
| 6. | | ENGLAND is written | as 1234526 and FRANC | E is written as 785291, how |
| | (1) 381171 | (2) 381191 | (3) 832252 | Sometime of the second |
| 7. | turned right and cyc | eft home and cycled 10 cled 10 km and turned 1 ch his home straight? | km southwards, turned | right and cycled 5 km and ow many kilometers will he |
| | (1) 25 km | (2) 20 km | (3) 15 km | (4) 10 km |
| 8. | are from Bengaluru | | e others are short. A, C | re from Delhi while the rest and D are girls while others |
| • | (1) F | (2) E | · (3) C | (4) D |
| JT/C | /2K16/05 | | | 301//2 |
| ٠. | | | | |

| Directio | ns (Questions 9-11): Study the following information carefully to answer these questions. |
|----------|---|
| A. | Seven students Pradeep, Qadir, Rohit, Sushant, Tushar, Uday and Vikas write a test series |
| В. | Either Rohit or Sushant scores the highest in each test. |
| C. | Pradeep always scores less than Vikas. |
| D. | Qadir always scores less than Pradeep. |

- F. Each time Sushant scores the highest, either Uday or Qadir scores the least.
- G. Each student scores marks different from each other.

E. Each time Rohit scores the highest, Tushar gets the least.

- 9. In a particular test, if Sushant is ranked second, which of the following can be true? (1) Uday gets more marks than Vikas. (2) Vikas is ranked fifth.
 - (3) Tushar gets more marks than Qadir.

(4) Pradeep is ranked 3rd.

- 10. In a particular test, if Sushant is ranked sixth and Qadir is ranked fifth, which of the following can be true?
 - (1) Vikas is ranked first or fourth.

(2) Rohit is ranked second or third.

(3) Pradeep is ranked second or fifth.

(4) Uday is ranked third or fourth.

In a particular test, if Rohit is ranked second and Qadir is ranked fifth, which of the following must be true about Tushar's rank?

(1) Fourth

- (2) Third
- (3) Seventh
- (4) Sixth

Directions (Questions 12-13): Each of these questions has statements followed by two conclusions I and II. Decide which of the conclusions follows from the statements.

Mark answer as

- (1) if conclusion I follows.
- (2) if conclusion II follows.
- (3) if neither conclusion I nor II follows.
- (4) if both conclusions I and II follow.
- 12. Statement: Space has no gravitational pull. It has no atmosphere.

Conclusions:

- I. Gravity is due to atmospheric pressure.
- II. It is not difficult to breathe in space.
- 13. Statement: Computer literates have good reasoning ability. Seema can understand the puzzle quickly.

Conclusions:

- I. Seema is computer literate.
- II. Seema has good reasoning ability.

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GENERAL AWARENESS

| 14. | Johan Cruyff the famou belongs to | is football legend v | who passed awa | y at the age of | 68 due to lung cancer |
|------------|---|---|------------------------------------|-----------------------------------|------------------------------|
| | (1) Spain. | (2) Dutch. | (3) France | e. (4 | 4) Germany. |
| 15. | Which Bank in India association with Italian | | | | |
| ٠ | (1) Citi Bank | (2) Yes Bank | (3) ICICI | Bank (4 | 4) Axis Bank |
| 16. | ITC has launched its Haveli Dharampura in | latest offering in | the WelcomHe | ritage series ca | lled WelcomHeritage |
| | (1) Delhi. | (2) Shimla. | (3) Chanc | ligarh. (4 | 4) Srinagar. |
| 17. | The US President Bar following North-Americ | ack Obama has r can countries after | ecently made a a gap of 88 year | historic visit s by any US Pre | to which one of the esident? |
| 4. | (1) Mexico | (2) Cuba | (3) Hondu | ıras (4 | 4) Nicaragua |
| 18. | Where was 'Iron Fist 2 Force in March 2016? | 2016', the exercise | for air power of | lemonstration h | eld by the Indian Air |
| ns Tali | (1) Gujarat | (2) Punjab | (3) Mahar | rashtra (4 | 4) Rajasthan |
| 19. | The internet pioneer an age of 74 years. | d e-mail inventor _ | ha | s passed away r | ecently in USA at the |
| n vi | (1) Anita Brookner(3) Lloyd Stowell Shap | ley . | (2) Raym (4) Georg | ond Tomlinson e Henry Martin | |
| 20. | Which one of the follo Myanmar Government | wing nationalized along with three otl | banks from Ind ner Asian banks | lia was granted? | operating licence by |
| | (1) Indian Overseas Bar | nk . | (2) Bank | of Baroda 🖖 - | |
| | (3) State Bank of India | | (4) Centra | al Bank of India | |
| 21. | Who has become the 2016? | 7 th Chairman of th | e National Hur | nan Rights Cor | nmission (NHRC) in |
| . , . | (1) R M Lodha | | (2) K.G. I | Balakrishnan | • |
| , | (3) H L Dattu | | (4) None | . 1 | |
| JT/C, | /2K16/05 | | 5 | | |

| | 22. | | e following states/ ent of India in Febr | · | ormally deci | ared country's firs | t digital |
|---|------|--------------------------------------|---|---------------------------------|--------------|--|----------------------|
| | | (1) Chandigarh | (2) Delhi | (3) Guj | arat | (4) Kerala | |
| • | 23. | Parliament building | | became the | first in the | world in February | 2016 to |
| | | (1) UK | (2) Japan | (3) Pak | istan | (4) Indonesia | |
| | 24. | | r day biennial even exhibition take pla | | | biggest ever land, n | aval and |
| | | (1) New Delhi | (2) Goa | (3) Hye | derabad | (4) Pune | |
| • | 25. | | e following films ards for the year 20 | | | t Feature Film in | the 63 rd |
| - | | (1) Piku | | (2) Tar | nu Weds Mar | nu Returns | |
| | | (3) Bajrangi Bhaij | aan | (4) Baa | hubali: The | Beginning | |
| | | . ₂₇ | 4 | | | | • |
| | | en is. Vinstalling of the second | QUANT | TTATIVE APTIT | FUDE | | |
| | 26. | while Vijay alone days. How much s | can do it in 30 da hould Pradeep get | ys. With the help for his work? | of Pradeep | alone can do it in they finish the wo | |
| | | (1) ₹ 20 | (2) ₹ 100 | (3) ₹1 | 180 | (4) ₹50 | , . |
| | 27. | If A can fill the ta | | d B can empty th | | B is for emptying hours then find ho | |
| | , | (1) 30 hrs | | (3) 20 | hrs | (4) 33.33 hrs | |
| | 28. | one-third with a v | | and the last one-t | | elocity of 10 km/h, relocity of 60 km/h | |
| | | (1) 18 km/h | (2) 10 km/h | (3) 20 | km/h | (4) 15 km/h | • . |
| | 29. | If a number is mulhalf the square of | tiplied by 22 and the | | added to it, | then we get a numb | er that is |
| | | (1) 45 | | (3) 47 | | (4) Data insuf | ficient |
| | JT/C | /2K16/05 | | 6 | | | , |
| | • | | | | | | |
| | | | | | | | |
| | ٠. | • | | • | N | , | • |
| | | | · | | ٠ ١ | • | |

| 30. | The average of x , y and z is 45, x is as much more than the average as y is less than the average. Find the value of z . |
|------------|--|
| ٠,٤* | (1) 45 (2) 25 (3) 35 (4) 15 |
| 31. | In what ratio should water be mixed with soda costing ₹ 12 per litre so as to make a profit of 25% by selling the diluted liquid at ₹ 13.75 per litre? |
| | (1) 10:1 (2) 11:1 (3) 1:11 (4) 12:1 |
| 32. | A man invests ₹ 10,000 in some shares in the ratio 2:3:5 which pay dividends of 10%, 25% and 20% respectively on his investment for that year. Find his dividend income. |
| · | (1) ₹ 1900 (2) ₹ 2000 (3) ₹ 2050 (4) ₹ 1950 |
| 33. | |
| 34. | A shopkeeper buys an article for ₹ 400 and marks it for sale at a price that gives him 80% profit on his cost. He, however, gives a 15% discount on the marked price to his customer. Calculate the actual percentage profit made by the shopkeeper. (1) 60% (2) 64% (3) 53% (4) 57% |
| | A sum of money placed at compound interest doubles itself in 3 years. In how many years will it amount to 8 times itself? (1) 9 years (2) 8 years (3) 27 years (4) 7 years |
| | If a principal P becomes Q in 2 years when interest $R\%$ is compounded half yearly. And if the same principle P becomes Q in 2 years when interest $S\%$ is compounded annually, then which of the following is true? |
| | (1) $R > S$ (2) $R = S$ (3) $R < S$ (4) None of these |
| 37. | The present ratio of the ages of A and B is $4:5.18$ years ago, this ratio was $11:16$. Find the sum total of their present ages. |
| | (1) 90 years (2) 105 years (3) 110 years (4) 80 years |
| | Brass is an alloy of copper and zinc. Bronze is an alloy containing 80% of copper, 4% of zinc and 16% of tin. A fused mass of brass and bronze is found to contain 74% of copper, 16% of zinc, and 10% of tin. What is the ratio of copper to zinc in Brass? |
| (| (1) 64% and 36% (2) 33% and 67% (3) 55% and 45% (4) None of these |
| T/C/2 | K16/05 |
| | |

| ections (Questions 39-40 orrectly spelt. Choose the | (2) Entrepraneur | (3) Entrepreneur | ways out of which only one (4) Entreapreneur |
|--|--------------------------|---|---|
| (1) Entreprenuer | (2) Enuchanous | | a viamits |
| | (2) Sovereignty | (3) Sovereignity | (4) Soveriegnity |
| . (1) Soveriegnty | | odanie od preto od postanie za podanie za po Podanie od podanie za p | |
| | To each of these | questions, choose the w | ord which can be substituted |
| irections (Questions 41- or the given sentence/word | ls. | tions, motives, or views (2) Manifesto | of the political party |
| 1. A published verbal d | eclaration of the inten | (2) Manifesto | |
| (1) Agenda | eclaration of the inter- | (4) Circular | 1 |
| (3) Report | | | |
| 42. Something appearing | g to be true or real on | ly until examined more (2) Superstitious | closely |
| (1) Superficial | | (4) Supernatural | |
| | and the second second | hoose | the best option to complete |
| | 43-44): In each of th | nese questions, choose | ine our of |

- (1) he will not suffer.
- (2) his health will soon be recovered.
- (3) he will not recover.
- (4) will he be able to recover?
- 44. George is so lazy that he
 - (1) can't depend upon others for getting his work done.
- (2) can seldom complete his work on time.
 - (3) always extends help to others to complete their work.
 - (4) always completes his work on time.

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| 5. | | | · · · · · · · · · · · · · · · · · · · | |
|----------|--|---|---|--|
| | | a dofoat forstles to a | | |
| ٠. | It was a/an <u>ignominiou</u> | | | |
| | (1) shameful | (2) admirable | (3) unaccountable | (4) worthy |
| _ | | | * | |
| 6. | Frantic efforts were ma | de to save the drow | ning child. | |
| | (1) Hopeless | (2) Desperate | (3) Sincere | (4) Careful |
| | - | | (4) | |
| | | | • | |
| ir | ections (Questions 47-48 |): Choose the word | d which is opposite in mea | ning of the underlined we |
| t th | ne sentence. | · · · · · · · · · · · · · · · · · · · | | ing by the motor moon was |
| 7. | Savita did not heed the | diadain aha had ta 1 | | |
| • | | 4-1 | pear at the hands of her ste | • |
| | (1) penitence | (2) numinty | (3) pride | (4) admiration |
| | TTI- CT 1 10 . | · . | No. | |
| | His friends liked everyt | hing about him exc | ept his <u>frugality</u> . | |
| | (1) short temper | (2) extravagance | (3) shabbiness | (4) punctuality |
| | | No. of the second of the | | |
| | | | | • |
| | | 3 mg (2) | | t ent |
| re | ctions (Questions 49-51 | • | · . | e meaning of the underlin |
| re | ctions (Questions 49-51 n/phrase in the sentence. | • | n which best expresses the | meaning of the underlin |
| | |): Choose the option | on which best expresses the | |
| | Despite being under deb |): Choose the option | on which best expresses the | 新养 (14) 10 10 10 10 10 10 10 10 10 10 10 10 10 |
| | Despite being under deb (1) keeps up an outward |): Choose the option of, Rahim still keeps show of prosperity | s a good table. (2) entertains his gue | ests sumptuously |
| | Despite being under deb |): Choose the option of, Rahim still keeps show of prosperity | on which best expresses the | ests sumptuously |
| ul | Despite being under deb (1) keeps up an outward (3) helps his friends wit |): Choose the option of, Rahim still keeps show of prosperity h money | s a good table. (2) entertains his gue (4) is lively and gay | ests sumptuously |
| ul | Despite being under deb (1) keeps up an outward (3) helps his friends wit He was a king who ruled |): Choose the option of, Rahim still keeps show of prosperity h money | s a good table. (2) entertains his gue (4) is lively and gay | ests sumptuously |
| . | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled |): Choose the option It, Rahim still keeps I show of prosperity I money I his subjects with a (2) kindly | s a good table. (2) entertains his gue (4) is lively and gay high hand. (3) sympathetically | ests sumptuously when his friends call |
| u? | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled (1) oppressively |): Choose the option of the control | s a good table. (2) entertains his gue (4) is lively and gay a high hand. (3) sympathetically | ests sumptuously when his friends call (4) wisely |
| • | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled (1) oppressively |): Choose the option of the control | s a good table. (2) entertains his gue (4) is lively and gay a high hand. (3) sympathetically | ests sumptuously when his friends call (4) wisely |
| • u} | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled (1) oppressively |): Choose the option of, Rahim still keeps show of prosperity h money d his subjects with a (2) kindly was saying as he wa | s a good table. (2) entertains his gue (4) is lively and gay a high hand: (3) sympathetically s only talking through his | ests sumptuously when his friends call (4) wisely hat. |
| ul | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled (1) oppressively I did not mind what he we (1) talking insultingly |): Choose the option of the control | s a good table. (2) entertains his gue (4) is lively and gay a high hand. (3) sympathetically s only talking through his (2) talking irresponsi | ests sumptuously when his friends call (4) wisely hat. bly |
| u? | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled (1) oppressively I did not mind what he we (1) talking insultingly (3) talking ignorantly |): Choose the option of the control | s a good table. (2) entertains his gue (4) is lively and gay a high hand: (3) sympathetically s only talking through his | ests sumptuously when his friends call (4) wisely hat. bly |
| ul | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled (1) oppressively I did not mind what he we (1) talking insultingly (3) talking ignorantly |): Choose the option It, Rahim still keeps I show of prosperity I his subjects with a (2) kindly Vas saying as he wa | s a good table. (2) entertains his gue (4) is lively and gay a high hand. (3) sympathetically s only talking through his (2) talking irresponsi | ests sumptuously when his friends call (4) wisely hat. bly |
| · · | Despite being under debte (1) keeps up an outward (3) helps his friends with the was a king who ruled (1) oppressively I did not mind what he we (1) talking insultingly (3) talking ignorantly |): Choose the option It, Rahim still keeps I show of prosperity I his subjects with a (2) kindly Vas saying as he wa | s a good table. (2) entertains his gue (4) is lively and gay a high hand. (3) sympathetically s only talking through his (2) talking irresponsi | ests sumptuously when his friends call (4) wisely hat. bly |

COMPUTER SCIENCE

| | · | dy used during shift-reduce parsing? |
|-----|---|---|
| 52. | Which of the following data structures is main (1) Binary Trees (2) Pointers | (3) Queues (4) Stacks |
| 53. | Which of the following is discriminator of the (1) Date (3) Both (1) and (2) | e weak entity? (2) Transaction number (4) None of these |
| 54. | | |
| 55. | release should be greater than | niding a hiding hiding |
| 56 | Normalization of database is used to(1) reduce errors.(2) eliminate redundancy. | (2) improve security.(4) All these |
| 5 | The extent to which the software can convalid input is called(1) antivirus efficiency.(3) robustness. | ontrol to operate correctly despite the introduction of (2) performance of the system. (4) reliability. |
| | 58. Which of the following parts of oper | rating system coordinates the activities of the other rd (3) Supervisor (4) File Manager |
| ٠ | 59. Two commands with different names sh (1) aliasing situation. (2) race condition | are the same code is called on. (3) toggle condition. (4) None of these |
| | 60. In networking terminology UTP means,(1) Uniformly Twisted Pair.(3) Uniform Terminating Pair. | (2) Unshielded Twisted Pair. (4) Unshielded Task Pair. |
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| . 01. | The state of the control of to a thirt | √by |
|------------|--|--|
| | (1) cable and modem. | (2) cable and interface card. |
| | (3) special wires. | (4) telephone lines. |
| (2) | T 1 10 i | |
| 62. | The state of the s | |
| | (1) transmission takes place in both direction | ns, but only in one direction at a time. |
| | (2) transmission takes place in one direction | L |
| | (3) transmission takes place in both direction | ns simultaneously. |
| | (4) None of these | |
| | english that are the | |
| 63. | Web pages start with the tag | |
| | $(1) < HTML > \qquad (2) < BODY >$ | $(3) < \text{HEAD} > \qquad (4) < \text{FORM} >$ |
| 64. | Which of the following is location of map de | ofinition E1-9 |
| | (1) BIN (2) RECYCLE-BIN | · · · · · · · · · · · · · · · · · · · |
| | (2) RECTCEE-BIN | (3) TRASH (4) CGI-BIN |
| 65. | What is the function of Manager Top 0 | |
| 05. | or markap rags: | |
| | (1) It tells the web browser to organize the p | age. |
| | (2) It tells the web browser to display the pa | |
| | (3) It tells the web browser to update the pag | ge. |
| | (4) None of these | χ |
| <i>~</i> ~ | | |
| 66. | XML is and tags element in XML a | are |
| | (1) declarative language, case sensitive | (2) declarative language, case insensitive |
| | (3) imperative language, case sensitive | (4) imperative language, case insensitive |
| • | q | |
| 67. | Race condition always arises in a/an | |
| | (1) analog to digital converter. | (2) digital to analog converter. |
| | (3) asynchronous circuit. | (4) synchronous circuit. |
| | | |
| 68. | A serial adder requires | |
| | (1) one full adder only. | (2) two full adder. |
| • | (3) more than two full adders. | (4) one half adder. |
| | | (4) one hair adder. |
| 69. | An up-down counter is also called | |
| | (1) forward/backward counter. | (2) bidirectional counter. |
| | (3) Both (1) and (2) | (4) None of these |
| | | (1) MOHE OF HIERE |
| · *- | tour a to- | |
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| , | | • |

25 44 15 44 44 44

| 70. | The fastest logic family that does not operate fully saturated or cut off is |
|------|--|
| | (1) Resistor Transistor Logic |
| | (2) Transistor -Transistor Logic. |
| | (3) Emitter Coupled logic. |
| | (4) Complementary Metal Oxide Semiconductor. |
| | |
| 71. | Which of the following programmings actually controls the path of the data within the computer? |
| | (1) Assemble language programming (2) System programming |
| | (3) Micro programming (4) None of these |
| | |
| 72. | The process in which CPU of a computer takes instruction from the memory and execute them is called |
| | (1) clock cycle. (2) fetch execute cycle. |
| | (3) instruction sequencing. (4) time sequencing. |
| | The state of the s |
| 73. | The total address space exceeds the size of physical memory in which of the following? |
| | (1) Paging (2) Segmentation |
| | (3) Both paging and segmentation (4) None of these |
| | (4) None of these |
| 74. | The minimum size of ROM required to store the complete truth table of an:8-bit × 8-bit multiplier will be |
| | (1) $32 \times 16 \text{ k}$ bit (2) $16 \text{ k} \times 16 \text{ bit}$ (3) $64 \text{ k} \times 16 \text{ bit}$ (4) $64 \times 16 \text{ bit}$ |
| | and the real total section in the second of the second |
| 75. | The statement printf("% f", 8/5) prints |
| | (1) 1.0 (2) 1.6 (3) 2.0 (4) garbage |
| | Contract of the second of the |
| 76. | A node can be inserted in a circular list at rear position by |
| | (1) inserting at front position of the queue. |
| | (2) inserting at Rear-1 position of the queue. |
| | (3) inserting at Rear-2 position of the queue. |
| • | |
| | (4) All these |
| 77. | In a circular linked list annulus link of the list annulus links and list annulus links annulus links and list annulus links and list annulus links and links and list annulus links and links and links and links and list annulus links and links annulus links and links and links and links and links and links annulus links and links and links and links and links and links annulus links and links |
| //. | In a circular linked list organization, insertion of a record involves modification of |
| | (1) one pointer. (2) two pointers. |
| | (3) three pointers. (4) None of these |
| | |
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| | (1) Arithmetic operato | or | (2) Relation | al operator | ١ |
|------|------------------------|---------------------|-------------------------|--------------------------------------|----|
| | (3) Logical operator | | (4) All have | equal precedence | |
| 79. | A hash table has a spa | ace for 200 record | s. Then the probabili | ty of the collision before the table | is |
| | (1) 0.1 | (2) 0.2 | (3) 0.95 | (4) 1 | |
| 80. | The maximum numbe | r of binary trees t | hat can be formed wi | th four unlabeled nodes is | |
| | .(1) 12 | (2) 14 | (3) 7 | (4) 15 | , |
| 81. | Which of the followin | g number of node | es can have a full bina | urv tree? | |
| | (1) 7 | (2) 15 | (3) 31 | (4) All these | |
| 82. | The order of binary se | earch algorithm is | | | |
| | (1) 2 ⁿ | (2) n^2 | (3) Exp(n) | (4) Log n | • |
| 83. | The Context Free Gra | mmar (CFG) is n | ot closed under | | |
| | (1) Product. | * | · (2) Union. | | |
| | (3) Complementation | | (4) Both (1) | and (2) | |
| 84. | Recursive languages a | ure closed under | · . | | |
| | (1) union. | . <i>t</i> | (2) intersect | ion. | |
| | (3) complementation. | 20° | (4) All these | e | |
| | | • | | | |
| 85. | Which of the following | g statements is no | ot true? | | |
| ٠. | (1) The class of Conte | ext Free Language | e (CFL) is not closed | under union | |
| | (2) All regular gramm | ars need not to be | regular | | |
| • | (3) Accepted word car | n only form a lan | guage | | |
| | (4) All these | | | , · | |
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ANSWER SHEET

PART A: WRITE WITH BLUE BALL POINT PEN ONLY

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|---|---|-----|--------------------------|
| < | | USE | BLUE BALL POINT PEN ONLY |

FILL UP ALL THE RELEVANT COLUMNS ON THIS PAGE FAILING WHICH YOUR ANSWER SHEET WILL BE INVALIDATED.

1. NAME (AS FILLED IN THE APPLICATION/REGISTRATION FORM)

JJA – TECHNICAL – DHC

2. DATE OF BIRTH

08/05/16

DD D M M M Y Y

4. CANDIDATE'S SIGNATURE

Booklet Series -> C

SEAL OF EXAMINATION CENTRE

INVIGILATOR'S SIGNATURE

I have carefully examined the identity of this candidate and also all the entries made in SIDE -1, PARTA & SIDE -2, PART B. I certify that these are correct.

Negative Marking -> 25%.

Ses

IMPORTANT INSTRUCTIONS

- 1. Read carefully the instructions in the Question Booklet.
- 2. Each question has four answer options. Mark the answer option number by darkening the corresponding oval. Shade only ONE oval.
- 3. For marking answer, completely darken the chosen oval as shown in the correct method below:

Correct Method 1 34

Wrong Method 💢 🗸 🔾 💿

- 4. Once an oval is darkened as answer to the question, it is final. Any change by erasing, using fluid and making cross (X) in the oval is not permitted.
- 5. Make no stray marks on this sheet.
- 6. Non adherence of any instruction will lead to the cancellation of candidature.
- 7. There will be 25% Negative marking for every wrong answer.

| 5. 1 | MAV | E OF TH | HE CAN | DIDATE | | | | | 1 | | | | , | | | | | SERIE | S 7. | REC | GISTF | RATION | INO. | |
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| Q.No | | | R OPTIO | | Q.No. | | ANSWE | | | Q.No | | AL C | | | Q.No | | | R OPTION | | Q.No. | | ANSWER | | |
| 1 | 1 | 2 | 3 | • | 18 | | 2 | 3 | 4 | 35 | - | 2 | 3 | 4 | 52 | - | 2 | 3 | 4 | 69 | 1 | 2 | 3 | |
| 2 | 1 | 2 | 3 | 4 | 19 | 1 | 2 | 3 | 4 | 36 | 1 | 2 | 3 | 4 | 53 | 1 | 2 | 3 | 4 | 70 | 1 | 2 | 3 | |
| 3 | 1 | 2 | 0 | 4 | 20 | 1 | 2 | 3 | 4 | 37 | 1 | 2 | 3 | 4 | 54 | • | 2 | 3 | 4 | 71 | 1 | 2 | (3) | |
| 4 | 0 | 2 | 3 | 4 | 21 | 1 | 2 | 3 | 4 | 38 | 0 | 2 | 3 | 4 | 55 | | 2 | 3 | 4 | 72 | 1 | | 3 | |
| 5 | 0 | 2 | 3 | 4 | 22 | 1 | 2 | 3 | • | 39 | 1 | 2 | 3 | 4 | 56 | 1 | 2 | 3 | 4 | 73 | | 2 | 3 | |
| 6 | 1 | 2 | 3 | 4 | 23 | 1 | 2 | 3 | 4 | 40 | 1 | 2 | 3 | 4 | 57 | 1 | 2 | 3 | 4 | 74 | 1 | 2 | 0 | |
| 7 | 1 | 2 | . 6 | 4 | 24 | 1 | 2 | 3 | 4 | 41 | 1 | 2 | 3 | 4 | 58 | 1 | 2 | (3) | 4 | 75 | 1 | 2 | 3 | |
| 8 | 1 | 2 | 3 | | 25 | 1 | 2 | 3 | 4 | 42 | 0 | 2 | 3 | 4 | 59 | 1 | 2 | 3 | 4 | 76 | • | 2 | 3 | |
| 9 | 0 | 2 | 3 | 4 | 26 | • | 2 | 3 | 4 | 43 | 1 | 2 | 3 | 4 | 60 | 1 | 2 | 3 | 4 | 77 | 1 | 0 | 3 | |
| 10 | 1 | 2 | 3 | • | 27 | 1 | 0 | 3 | 4 | 44 | 1 | · Ø | 3 | 4 | 61 | 1 | 2 | 3 | 4 | 78 | | 2 | 3 | |
| 11 | 1 | 2 | 3 | 4 | 28 | -0 | 2 | 3 | 4 | 45 | 1 | 2 | 3 | 4 | 62 | | 2 | 3 | 4 | 79 | 1 | 2 | 3 | |
| 12 | 1 | 2 | 3 | 4 | 29 | 1 | 2 | 3 | 4 | 46 | 1 | 2 | 3 | 4 | 63 | 0 | 2 | 3 | 4 | 80 | 1 | 2 | 3 | |
| 13 | 1 | 2 | 0 | 4 | 30 | 0 | 2 | 3 | 4 | .47 | 1 | . 2 | 3 | 4 | 64 | 1 | 2 | 3 | 4 | 81 | 1 | 2 | 3 | |
| 14 | 1 | | 3 | 4 | 31 | 1 | 2 | (3) | 4 | 48 | 1 | 2 | 3 | 4 | 65 | 1 | 2 | 3 | 4 | 82 | 1 | 2 | 3 | |
| 15 | 1 | 2 | 0 | 4 | 32 | 1 | 2 | 3 | 4 | 49 | 1 | 2 | 3 | 4 | 66 | | 2 | 3 | 4 | 83 | 1 | 2 | 3 | |
| 16 | 0 | 2 | 3 | 4 | 33 | 1 | 2 | 3 | 4 | 50 | 0 | 2 | 3 | 4 | 67 | 1 | 2 | (3) | 4 | 84 | 1 | 2 | 3 | |
| 17 | 1 | | 3 | 4 | 34 | 1 | 2 | 3 | 4 | 51 | 1 | 2 | 3 | 4 | 68 | 1 | 2 | 3 | 4 | 85 | 1 | 2 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | PLEASE | E DO | NOT V | VRITE A | NYTHIN | IG IN TH | IIS AI | REA | | | | | | | | | | | | | |
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| sc. | J - 27 | 705 | | | | | | | | | | | | | | | | | | | i . | | | |
| | | | | | 74 | | | N. FF. | | | | | | | | | | | | | | | | |

PART B: WRITE WITH BLUE BALL POINT PEN ONLY

BOOKLET SERIES



DO NOT OPEN THIS QUESTION BOOKLET UNTIL ASKED TO DO SO.

PLEASE READ INSTRUCTIONS ON THE BACK COVER CAREFULLY.

| oll No. | | | | | | | | |
|-----------|---------|---------|----------|-------------------|--------|---------------------|----------|---------|
| | | | | | | | | |
| ame | | | | | | | | <u></u> |
| gnature . | | | | | | | : | |
| × | | | | i sange Sangan | | · , · · | | |
| | | | | | | | | |
| | THE QUE | STION B | OOKLET A | AND OMR | ANSWER | SHEET S ETION OI | HOULD BE | т |

GENERAL INTELLIGENCE

| 1. | | | i said, "His brother is t man in the photograph? | the father of the son of my |
|-----------|---|---|---|--|
| | (1) Grandniece | (2) Niece | (3) Daughter | (4) Granddaughter |
| - | | · · | as 1234526 and FRANC | E is written as 785291, how |
| • | (1) 381171 | (2) 381191 | - | (4) 835545 |
| 3. | turned right and cycle have to cycle to reach | ed 10 km and turned land his home straight? | km southwards, turned eft and cycled 10 km. H | right and cycled 5 km and ow many kilometers will he |
| ٠; | (1) 25 km | ••••(2) 20 km | (3) 15 km (100 350 0 | (24) 10 km - 1 - 1 |
| 4. | are from Bengaluru. | | others are short. A, C | re from Delhi while the rest and D are girls while others |
| - 2 (86 | (1).F | (2) E | (3) C wash to the | (4) D |
| Dire | ctions (Questions 5-7 |): Study the following | information carefully to | answer these questions. |
| ٠. | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | d Vikas write a test series. |
| | B. Either Rohit or St | ushant scores the highe | st in each test. | |
| · - | C. Pradeep always s | cores less than Vikas. | | |
| . •- | D. Qadir always sco | res less than Pradeep. | PARATHOR TRAVER | |
| | | scores the highest, Tus | . 1 | |
| | 1. 7 T x 3 T x 1 | | ther Uday or Qadir score | es the least. |
| | G. Each student scor | es marks different from | n each other. | |
| 5. | In a particular test, if (1) Uday gets more n | | ond, which of the followi (2) Vikas is ranked | the state of the s |
| | (3) Tushar gets more | * * · · | (4) Pradeep is ranke | |
| | (-) | | | |
| 6. | In a particular test, it can be true? | Sushant is ranked six | th and Qadir is ranked i | ifth, which of the following |
| • ; | (1) Vikas is ranked fi | rst or fourth. | (2) Rohit is ranked | second or third. |
| | (3) Pradeep is ranked | second or fifth. | (4) Uday is ranked | third or fourth. |
| וד/ח | /2K16/05 | | | $301/\langle 2 \rangle$ |
| ָט /וּנּ | / EKTO/OS | | | 3017 (2) |
| | | | | , · · · · · · · · · · · · · · · · · · · |

| | Fushar's rank? | (3) Seventh | (4) Sixth | |
|--|---|--|--|-------|
| (1) Fourth | (2) Third | (S) Bovenia | | |
| man hid fine the fine of the first | | 1,04 | () | |
| | 3-9): Each of these questi | ons has statements | followed by two conclus | ions |
| nd II. Decide which of t | he conclusions follows fro | m the statements. | | ; |
| Aark answer as | | 2. | | |
| (1) if conclusion I | IOHOW5. | | | |
| (2) if conclusion II | follows. usion I nor II follows. | gradina di Karaja da 1986. Parangan | On the Contract of the Contrac | |
| (4) if both conclus | ions I and II follow. | | en e | |
| | | | here. | |
| | pace has no gravitational p | out. It has no dome-f | , | |
| Conclusions: | to atmospheric pressure. | | | |
| II. It is not difficu | alt to breathe in space. | | and the second s | |
| * | | · · · · · · · · · · · · · · · · · · · | e G can underste | and ' |
| 9. Statement: C | Computer literates have g | good reasoning ability | ity. Seema can undersu | and |
| · - | ouzzle quickly. | | * | |
| _ ~ • | | | | |
| Conclusions: | Chesta 1145moto nº 3 5 5 5 6 6 5 7 3 | original tension | $\mathcal{E}_{i,j} = \mathcal{E}_{i,j} - \mathcal{E}_{i,j} = \mathcal{E}_{i,j}$ | ** |
| Conclusions: I. Seema is com | puter literate. | | er Sandar (Sandar) Ritaria | ,,, |
| Conclusions: I. Seema is com II. Seema has go | Outeasoning aumity: "" | erige in will all the second and the second all the second and the | | |
| II. Seema has go | od reasoning aomity. | | | |
| II. Seema has go | on reasoning aomity. | ies by replacing '?' | | |
| Directions (Questions | 10-11): Complete the serv | ies by réplacing '?' | | |
| Directions (Questions | 10-11): Complete the serv | ies by réplacing '?' | | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W | 10-11): Complete the series, Q16L, N25Q, '?' (2) K33V | ies by replacing '?' (3) K36S | (4) K36W | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W | Od Teasoning ability. 10-11): Complete the serve (2) K33V (2) K33V | ies by replacing '?' (3) K36S | (4) K36W | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I | Od Teasoning ability. 10-11): Complete the server. Q16L, N25Q, '?' (2) K33V L16, 5MP25, '?' (2) 6OT36 | ies by replacing '?' (3) K36S (3) 6PT36 | (4) K36W (4) 6QU36 | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I | Od Teasoning ability. 10-11): Complete the serve (2) K33V (2) K33V | ies by replacing '?' (3) K36S (3) 6PT36 | (4) K36W (4) 6QU36 | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I (1) 6MS36 | Od Teasoning ability. 10-11): Complete the service. (2) K33V L16, 5MP25, '?' (2) 6QT36 | ies by replacing '?' (3) K36S (3) 6PT36 | (4) K36W (4) 6QU36 | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I (1) 6MS36 Directions (Question | od reasoning ability. 10-11): Complete the server, Q16L, N25Q, '?' (2) K33V L16, 5MP25, '?' (2) 6QT36 s 12-13): Find the odd one | ies by replacing '?' (3) K36S (3) 6PT36 e out in each of these | (4) K36W (4) 6QU36 | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I (1) 6MS36 Directions (Question | od feasoning ability. 10-11): Complete the server. (2) K33V (2) K33V (2) 6QT36 s 12-13): Find the odd one | ies by replacing '?' (3) K36S (3) 6PT36 e out in each of these | (4) K36W (4) 6QU36 | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I (1) 6MS36 Directions (Question 12. (1) 69, 43 | Od Teasoning ability. 10-11): Complete the server. (2) K33V L16, 5MP25, '?' (2) 6QT36 s 12-13): Find the odd one (2) 63, 47 | ies by replacing '?' (3) K36S (3) 6PT36 e out in each of these (3) 34, 85 | (4) K36W (4) 6QU36 | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I (1) 6MS36 Directions (Question 12. (1) 69, 43 | od reasoning ability. 10-11): Complete the server, Q16L, N25Q, '?' (2) K33V L16, 5MP25, '?' (2) 6QT36 s 12-13): Find the odd one | ies by replacing '?' (3) K36S (3) 6PT36 e out in each of these (3) 34, 85 | (4) K36W (4) 6QU36 equestions. (4) 65, 23 | |
| Directions (Questions 10. Z1C, W4E, T9H, (1) P36W 11. 2AD4, 3EH9, 4I (1) 6MS36 Directions (Question 12. (1) 69, 43 | Od Teasoning ability. 10-11): Complete the server. (2) K33V L16, 5MP25, '?' (2) 6QT36 s 12-13): Find the odd one (2) 63, 47 | ies by replacing '?' (3) K36S (3) 6PT36 e out in each of these (3) 34, 85 | (4) K36W (4) 6QU36 equestions. (4) 65, 23 | |

GENERAL AWARENESS

| 14. | Which one of the for state/UT by President | ollowing states/UT of India in Februar | s has been formally dec y 2016? | clared country's first digital |
|----------------------|---|---|--|---|
| | (1) Chandigarh | (2) Delhi | (3) Gujarat | (4) Kerala |
| 27 | Mrs. Recall Library | | • | |
| 15. | Parliament building of completely run on sola | of | _ became the first in the | world in February 2016 to |
| | (1) UK | (2) Japan | (3) Pakistan | (4) Indonesia |
| | The case of finding they | | | |
| 16. | Where did the four day homeland security exh | y biennial event, D ibition take place i | efexpo India 2016, India's n March 2016? | s biggest ever land, naval and |
| | (1) New Delhi | (2) Goá | (3) Hyderabad | (4) Pune |
| 47. | ज्यालेटी जो। एवं १८ (५) | Miles Constitution | | |
| 17. | National Film Awards | llowing films has for the year 2015 a | been selected as the Be | st Feature Film in the 63rd |
| | (1) Piku | e- | (2) Tanu Weds Ma | nu Returns |
| | (3) Bajrangi Bhaijaan | | (4) Baahubali: The | Beginning |
| | | | art. All one | |
| 18. | or delongs to | " L. HEN WH " RET" | who passed away at the a | age of 68 due to lung cancer (4) Germany. |
| 19. | Which Bank in India association with Italian | has introduced t | | co-branded credit cards in |
| "tva | (1) Citi Bank | (2) Yes Bank | (3) ICICI Bank | (4) Axis Bank |
| 20. | age of /4 years. | | and the second s | away recently in USA at the |
| 1.11 1.11 1.11 | (1) Anita Brookner (3) Lloyd Stowell Shap | าสรุการ หล่ากก๊านะ วิวาชเล สาร์สาราชเลเพ llev | (2) Raymond Toml | inson |
| | from a small page. | · · · | | viaitiii |
| 21. | | | | ranted operating licence by |
| | Myanmar Government | along with three of | her Asian banks? | ranted operating licence by |
| , | (1) Indian Overseas Ba | nla n | (0) D = -1 = CD = 1 | and the file of the second of |
| | (3) State Bank of India | ansi Orlic. | (4) Central Bank of | • |
| | | | | |
| JT/D | /2K16/05 | | 5 | n nabby Taraby |
| | • | | | • |

| | -th or | *** | | OTTO : |
|------------|--|--|--|---|
| 22. | Who has become the 7 th Chairman of the 2016? | National Human | Rights Commission | (NHKC) III |
| - ,24 3 | (1) R.M. Lodha | (2) K.G. Balak | rishnan | , , |
| * | | | ese | 21 A |
| | | | Page Service Control | |
| 23. | ITC has launched its latest offering in the | e WelcomHeritage | series called Wel | comHeritage |
| | Haveli Dharampura in | | e e e e e e e e e e e e e e e e e e e | · |
| • | (1) Delhi. (2) Shimla. | (3) Chandigarl | . (4) Srinag | ar. |
| | ยารอเทอร์ สนุด (พ | | | |
| 24. | The US President Barack Obama has rec | ently made a hist | oric visit to which | one of the |
| 1.5 | following North-American countries after a | gap of 88 years by | any US President? | enter the first |
| | (1) Mexico (2) Cuba | (3) Honduras | (4) Nicara | gua |
| | ं अर्थे हुन्य हुन है । जिल्ला हुन है | £42 | | , |
| 25. | Where was 'Iron Fist 2016', the exercise for | or air power demo | nstration held by th | ne Indian Air |
| CIED | Force in March 2016? (1) Gujarat (2) Punjab | was a second | | And the second |
| | (1) Gujarat (2) Punjab | (3) Manarashu | a (4) Kajast | nan 🥠 |
| | The state of the second | | | 8.0 |
| | कुंगामार्ड हैं होते. ते बार पर से १ | | | |
| | | VE APTITUDE | | • |
| M) M | हुठ इत्स् वर उपने हर कि देखें, बहुँ ए कु ४० किए हों | gian contradi- | | 1. 000/ |
| 26. | A shopkeeper buys an article for ₹400 an profit on his cost. He, however, gives a 15 | d marks it for sal | e at a price that give marked price to | ves nim 80% |
| | Calculate the actual percentage profit made t | by the shopkeeper. | a har | TID GOOD CITIEST |
| | | f . | (4) 57% | |
| <i>i</i> i | (1) 60% (2) 64% (2) 64% (2) 64% (2) 64% (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | | | |
| 27. | A sum of money placed at compound intere | st doubles itself in | 3 years. In how ma | ny years will |
| | it amount to 8 times itself? | The second of th | | |
| • | (1) 9 years (2) 8 years | (3) 27 years | (4) 7 year | Š, |
| 5(f* | in the si differentle we blished met | war it is a first free free | (大) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | |
| 28. | If a principal P becomes Q in 2 years when | interest $R\%$ is cor | npounded half year | ly. And if the |
| | same principle P becomes Q in 2 years who | | | |
| | of the following is true? | | ्रोड्डिकिट के लिखे अस्तिक के स्टब्स् | • • |
| د . | (1) $R > S$ (2) $R = S$ | | | • |
| | ครากบาร์ได้เกี่ยวของเกล้า เรียก เกล้า และ (กับค์) เครื่อง | · · · · · · · · · · · · · · · · · · · | | |
| 29. | The present ratio of the ages of A and B is sum total of their present ages. | | | |
| | (1) 90 years (2) 105 years) | | | |
| | (1) so yours and total trans to | (3) ITO yours | ruse activity objective | v= |
| | | | | , in a |
| JT/I | D/2K16/05 6 | -3 | - 1 | |
| | | | , i | |
| - | | | | |

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The state of

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| 30 | | loy of copper a | nd zinc. Bronz | e is an alloy o | containing 8 | 0% of copper, | 4% of zinc |
|--------|---|---|---|--------------------------|--|--|--|
| ئىرى | | n. A fused mas of tin. What is | | | | n 74% of copp | er, 16% of |
| į. | (1) 64% and 3 | 6% (2) 3 | 3% and 67% | (3) 55% a | and 45% | (4) None of | these |
| 31. | Ajay and Vija | y undertake to | do azniece o | f work for is | note what | ler Sharry | • |
| | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | THE PARTY OF THE | HIV JULIAVS VV | IIII INA NAIN AI | f Pradeen, tl | one can do it. | in 24 days |
| | days. How mu (1) ₹ 20 | of a large ven the | ook Bor tot ma | work? | · | | |
| .• | (1) ₹ 20 | (2). ₹ | 100 | (3) ₹ 180 | gar da e e e e e e e e e e e e e e e e e e | (4) ₹ 50 | *.· (|
| 32. | | multiplied by 2 of that number | 2 and the same | number is ad | ded to it, the | n we get a nun | iber that is |
| | (1) 45 | (2) 46 | | (3) 47 | (3) kinc | (4) Data insu | |
| 33. | The average of Find the value | x, y and z is 45 of z | x is as much | more than the | average as | • | |
| | (1) 45 | (2) 25 | Astino (D) | (3) 35 | ₹ ₹ | (4) 15 | |
| 34. | In what ratio sl 25% by selling | hould water be | mixed with se | oda costino ₹ 1 | l2 ner litre (| 10 og to m. 1. | . |
| 286 | 25% by selling (1) 10:1 | 图 4 1 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 | 74,40 x 12,72 h | or infet | | | |
| | (1) 10:1 | (2) 11 | :1 | \y(3)-1\&\1.1 | 1324 (1282). CA 20 462.4 | (4) 12 : 1 | ·魏怀(天下到时) 4 "百年,1450 — |
| 35. | A man invests and 20% respec | ₹10.000 in sõi | me chared in the | o motion of them | * 1/5 a : | A service as the serv | :081 . - - 58 |
| 4, 3° | | , | vestment for the | nat year. Find h | o which pay is dividend | income | 0%, 25% |
| | (1) 1900 v | (2),₹ | 2000 (2) | (3) ₍₁ ₹ 2050 | 108. (3) | (4) ₹ 1950 | |
| 36. | A music system Calculate his los | n when sold fo | or₹4500 give | s a loss of 16 | .66% to the | merchant wh |) 0. golla :4 |
| 15316 | | | | | | | |
| 7.78 | (1) F088.01-2:05 | ⊃% | TREET SHOTES | (2) Profit o | f 8.33% 💆 🖎 | P. Condition 1973 中国电影 | mids in |
| | (3) 1008 01 7.07 | 0 | | (4) Profit o | f 5.60% | and action of the control of the | |
| 37. | There are two prints of the If A can fill the | Media a tonk I | | of the intention | rolleration | and the state of t | ··· ································· |
| · · | | | | | and Pipe B is | s for emptying | the tank. |
| | | | fill a half emp | ty tank? | IK III 13 NOU | irs then find ho | w many |
| • 4 | (1) 30 hrs | (2) 15 1 | nrs | (3) 20 hrs | | (4) 33.33 hrs | |
| 38. | A car travels on | e-third of the d | Morân va Mr. Bistopas ad a a | e or rani gody r | ભા ગક ઇ ૧. ુત | | |
| | A car travels on one-third with a the average yeloo | velocity of 20 | km/h and the 1 | uaigni road W | ith a velocit | y of 10 km/h, | the next |
| ٠. | | y. 42 5220 Out 10 | or me anorelo | urney? | vicii a veloci | ny or oo km/n. Awant sees | What is |
| . ' | (1) 18 km/h | (2) 10 k | m/h | (3) 20 km/h | | (4) 15 km/h | . 11 |
| JT/D/: | 2K16/05 | | 7 | ~ (| | | r |
| • - | | | | 3 | | 6.80 | |
| | | | • | | | | |
| | | | | | • | | |
| | | | | | | | 91 |

sur in the respect to all the courses of English to a series a surgery of the series o

| Directions (Questions 39-41): Choose the option we idiom/phrase in the sentence. | hich best expresses the meaning of the underlined |
|--|--|
| 39. Despite being under debt, Rahim still keeps a g | cood table. |
| (1) keeps up an outward show of prosperity | |
| (3) helps his friends with money | (4) is lively and gay when his friends call |
| 40. He was a king who ruled his subjects with a his | gh hand. |
| (1) oppressively (2) kindly | (3) sympathetically (4) wisely |
| in declaration of the second of the | |
| 41. I did not mind what he was saying as he was or | nly talking through his hat. |
| (1) talking insultingly | (2) talking irresponsibly |
| (3) talking ignorantly | (4) talking nonsense |
| | |
| ेर प्राप्त के जीवन को इह दर केली कहा है है है होने का दर्दर | अबः सामार्थः वर्षेत्रः वर्षात्रः सामार्थः सामार्थः वर्षेत्राच्या प्रमेक्के |
| Directions (Questions 42-43): A word has been wr | |
| is correctly spelt. Choose the correctly spelt word. | Service And Property of the Andrews |
| 42. (1) Entreprenuer (2) Entrepreneur | (3) Entrepreneur (4) Entreapreneur |
| The state of the s | (3) Entrepreneur (3) (4) Entreapreneur (3) |
| 43. (1) Soveriegnty (2) Sovereignty | (3) Sovereignity (4) Soveriegnity |
| | |
| es a fore of 16 (69% to the reachant who selfe it. | पर्छ १९८० को विकास हार्थित एका से बालाम है। 🔭 |
| Directions (Ouestions 44-45): In each of these que | (xore) we have a second significant to substituted |
| for the given sentence/words. | the heart and the second second |
| | |
| 44. A published verbal declaration of the intentions | s, mouves, or views of the political party |
| (1) Agenda (3) Report | (A) Cination |
| System of the state of the stat | n(4) Gircular (see A constant on the see A c |
| | |
| 45. Something appearing to be true or real only unt (1) Superficial (1) Superficial (1) Superfluous (2) (3) Superfluous | (2) Superstitious |
| -(3) Superfluous | (4) Supernatural in to viscons the control of the c |
| -(3) Superfluous | Constitution of the state of th |
| JT/D/2K16/05 8 | The backging |
| | |

| υ. | It was a/an ignominious | defeat for the team. | ena je se karanti parti. Nasari karanti karanti | र जिल्लामा स्टब्स्स के किया है। इस सम्बद्धाः |
|-------------|--|---|--|--|
| | | | | ole (4) worthy |
| | | | | SHATE TRANSPORT |
| Ź. | Frantic efforts were mad | le to save the drownin | ng child. | |
| | | | , | (4) Careful |
| | | | | |
| ! | | | , • • • • | the me iller |
| rec tha | ctions (Questions 48-49) e sentence. | : Choose the word w | hich is opposite in i | meaning of the underlined word |
| | े हुम्महार ५ कि व्यक्ति दे सर हात | na na jang magilikum | COM - A. ASSAM. O PAS | Wight of Alberta K |
| • | Savita did not heed the d | lisdain she had to bear | r at the hands of he | r step-mother. And the file |
| | (1) penitence | (2) humility | (3) pride | (4) admiration |
| | 2 | | , | 1 |
| gζ. L | His friends liked everyth | ing about him except | his frigality | li er yer oph Allm Jersen er |
| | | - | • | 1 / 151 / 1 |
| | | | | |
| | (1) Bhote tompor | (2) extravagance | (3) shabbiness | (4) punctuality |
| | in the second second | | | |
| | hop huisdage: | a be coment tall for te | er pil) bas se bbe | The translation of the second |
| rec | tions (Questions -50-51 | a be coment tall for te | er pil) bas se bbe | |
| rec | hop huisdage: | a be coment tall for te | er pil) bas se bbe | The translation of the second |
| rec itei | tions (Questions 50-51) |): In each of these q | nuestions, choose t | he best option to complete the |
| rec | ctions (Questions 50-51) |): In each of these q | nuestions, choose t | he best option to complete the |
| rec | ctions (Questions 50-51) The doctor warns him the factor will not suffer. |): In each of these quantity and the same and the same at unless he gives up | nuestions, choose to | he best option to complete the |
| rec | tions (Questions 50-51) ace. The doctor warns him the first of the will not suffer. (1) he will not suffer. |): In each of these quantity and the same and the same at unless he gives up | nuestions, choose to | he best option to complete the |
| rec | tions (Questions 50-51 nce. The doctor warns him the (1) he will not suffer. (2) his health will soon be (3) he will not recover. |): In each of these quantity at unless he gives up | nuestions, choose to | he best option to complete the |
| rec | tions (Questions 50-51) ace. The doctor warns him the first of the will not suffer. (1) he will not suffer. |): In each of these quantity at unless he gives up | questions, choose to | he best option to complete the |
| rec | tions (Questions 50-51 nce. The doctor warns him the (1) he will not suffer. (2) his health will soon be (3) he will not recover. |): In each of these quantity at unless he gives up to be recovered. | questions, choose to | he best option to complete the |
| rec | tions (Questions 50-51 nce. The doctor warns him the (1) he will not suffer. (2) his health will soon be (3) he will not recover. | e recovered. | questions, choose to | he best option to complete the |
| rec | tions (Questions 50-51 nce. The doctor warns him that (1) he will not suffer. (2) his health will soon be (3) he will not recover. (4) will he be able to recover. | e recovered. | questions, choose to | he best option to complete the |
| rec | tions (Questions 50-51 ace. The doctor warns him the (1) he will not suffer. (2) his health will soon be (3) he will not recover. (4) will he be able to recover. George is so lazy that he (1) can't depend upon of | e recovered. | questions, choose to | he best option to complete the construction of the complete the construction of the co |
| rec | tions (Questions 50-51) nce. The doctor warns him the (1) he will not suffer. (2) his health will soon be (3) he will not recover. (4) will he be able to recover. George is so lazy that he (1) can't depend upon of (2) can seldom complete | e recovered. hers for getting his work on time. | questions, choose to | he best option to complete the configuration of the land of the configuration of the configur |
| rec | tions (Questions 50-51) nce. The doctor warns him the (1) he will not suffer. (2) his health will soon be (3) he will not recover. (4) will he be able to recover. George is so lazy that he (1) can't depend upon of (2) can seldom complete | at unless he gives up to be recovered. hers for getting his we his work on time. | questions, choose to | he best option to complete the construction of the complete the construction of the co |

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| handhasha i shi ba ga bar sa milisish | COMPUTER | SCIENCE (No. 1) (1) (1) (1) | Committee of the second | |
|---------------------------------------|--|--|--|----------|
| 52. A node can be inserted in a c | ircular list at rear p | osition by | and the second s | |
| (1) inserting at front position | of the queue. | ie, certains abzigg | tioning with your | d d |
| (2) inserting at Rear-1 position | | | 19279427 | |
| (3) inserting at Rear-2 position | | | n | , (|
| (4) All these | | • | | • |
| | | • | | . 1 |
| | ization insertion o | f a record involves mod | ification of | . |
| • | | (2) two pointers. | | j |
| (1) one pointer. | | · · · · · · · · · · · · · · · · · · · | • | , 1 |
| (3) three pointers. | a nastation of the state | (4) None of these | CONTRACTOR WAS | * |
| | • | × . | 31 | - 4 |
| 54. Which of the following type | s of operators has t | he highest precedence in | C programming? | |
| (1) Arithmetic operator | lie i milioni is in | (2) Relational operator | | 1 |
| (3) Logical operator | \$5 mg (F) | (4) All have equal pred | pedence of the second | |
| * | | | | 1 |
| 55. A hash table has a space for | 200 records. Then | the probability of the co | ollision before the tab | le is |
| 10% full is (1) 0.1 ** (2).** | Secretary and E | en de la companya de La companya de la co | 18 18 18 18 18 18 18 18 18 18 18 18 18 1 | į |
| (1) 0 1 (2) | 0.2 | (3) 0.95 | (4) T | + |
| | | | | . } |
| 56. The maximum number of bi | | | | |
| site o(4) 1200 of training the (2) | 14000 - 1 | $\approx (3)$, 7 , we have the 1 3 ~ 1 2 ~ 1 | (4) 15 प्रस्तिक स्टार्काः | se nadi. |
| | | | e e e e e e e e e e e e e e e e e e e | * - * 7 |
| 57. Which of the following num | ber of nodes can h | ave a full binary tree? | rate and the second of | 7. |
| (1) 7 (2) | 15 | ' (3) 31 | (4) All these | |
| | | • | · · · | |
| 58. The order of binary search a | llgorithm is | | TA HEALER TO | |
| (1) 2^n (2) | n ² | (3) Exp(n) | (4) Log n | |
| | | An with | A grant Colombia | |
| 59. The Context Free Grammar | (CFG) is not close | d under | | |
| (1) Product. | | (2) Union. | · part in the correct. | |
| (3) Complementation. | e de la maria della dell | (4) Both (1) and (2) | ent to result the 18 | , |
| (5) Comptonion | - 「上代で山井(1.83年等) | | | |
| 60. Recursive languages are clo | ised under | ्राहरता है कहा है। या पुर होड़ी | | |
| (1) union. | West field | (2) intersection. | A. 企致也。曹操政策(E. | • |
| | | (2) intersection.(4) All these | righter ar flavort (b) | ì |
| (3) complementation. | | (1) trit mions | | • |
| | | | | |
| JT/D/2K16/05 | 10 | 2 | ikléjus j | GU (IL |
| | | <u>, ' . '</u> | • | |

| 61. | Which of the following statements is not true | |
|------|--|--|
| | (1) The class of Context Free Language (CF | L) is not closed under union |
| | (2) All regular grammars need not to be regu | |
| | (3) Accepted word can only form a language | |
| | (4) All these | |
| | | |
| 62. | The second secon | inly used during shift-reduce parsing? |
| | (1) Binary Trees (2) Pointers | (3) Queues (4) Stacks |
| | And the state of t | With the book has been a |
| 63. | and and and the state of the | e weak entity? |
| | (1) Date | (2) Transaction number |
| | (3) Both (1) and (2) | (1) 1 (0110) 01 (1100) |
| | | en e |
| 64. | In relational Schema, each tuple is divided in | |
| | (1) Domains. (2) Trees. | (3) Queries. (4) Chain. |
| 65. | The employee salary should be greater than are hidden from the employee is | 10000 is and Manager's salary detail |
| | (1) integrity constraint, external level data hid | the common step of a section is a second section of the section of |
| | (2) referential constraint, external level data l | |
| 1 | (3) integrity constraint, physical level data hi | dina |
| | (4) integrity constraint, conceptual level data | |
| • | | |
| 66. | Normalization of database is used to a second | The state of the s |
| | (1) reduce errors. | (2) improve security. |
| | (3) eliminate redundancy. | (4) All these |
| | | and the second s |
| 67. | The extent to which the software can control invalid input is called | ol to operate correctly despite the introduction of |
| | (1) antivirus efficiency. | (2) performance of the system. |
| | (3) robustness. | (4) reliability. |
| 68. | Which of the following parts of operating | system coordinates the activities of the other |
| | program? | |
| • | (1) CPU (2) Mother Board | (3) Supervisor (4) File Manager |
| JT/D | /2K16/05 11 | |
| | | |

| | (1) aliasing situation (2) race condition (3) toggle condition. (4) None of these |
|--------------|--|
|) . : | In networking terminology UTP means, securous surrol visco nos upor en sural di |
| '• | (1) Unshielded Twisted Pair. (2) Unshielded Twisted Pair. |
| | (3) Uniform Terminating Pair. (4) Unshielded Task Pair. |
| | Race condition always arises in a/an (2) digital to analog converter. |
| Į., · | Race condition always arises in a/an |
| | (1) anglocato digital converter. |
| | (A) Syncincing off office a |
| | THE PLAN SEE WILLIAM SEE WILLIAM SEE AND A SEE WILLIAM SEE AND A S |
| 2. | A serial adder requires: The model and the serial adder requires the serial adder the serial adders |
| | (1) one full adder only. See 1 15 adder. |
| • | (3) more than two full adders. (4) one half adder. |
| | bases for acceptable of a slight form of the second form |
| 3. | An up-down counter is also called |
| | (1) forward/backward counter. (2) bidirectional counter. |
| _ | (3) Both (1) and (2) A College of Figure 1 and |
| 133 | all cardons and the second second and the second second and the second s |
| 14. | The fastest logic family that does not operate fully saturated or cut off is |
| . : | (1) Resistor Transistor Logic. |
| | (2) Transistor -Transistor Logic. |
| | |
| | (3) Emitter Coupled logic. (4) Complementary Metal Oxide Semiconductor. |
| | |
| 7 5. | Which of the following programmings actually controls the path of the data within the |
| ٠. | computer? (2) |
| ٠. | (1) Assemble language programming (2) System programming |
| | (3) Micro programming (4) None of these |
| * | The process in which CPU of a computer takes instruction from the memory and execute the |
| 76 | The process in which CPU of a computer takes instruction from the internoty and societies. |
| , | is called |
| | 1 |
| | (3) instruction sequencing. (4) time sequencing. |
| • • • | of the following? |
| 77 | The total address space exceeds the size of physical memory in which of the following? |
| • | (2) Segmentation |
| | (3) Both paging and segmentation (4) None of these |
| | |

| 70. | multiplier will be | or ROMArequired, to si | ore the complete truth | table of an 8-bit × | 8-bi |
|----------------|---|---|----------------------------|---------------------------------------|--------|
| | (1) 32×16 k bit | (2) 16 k ×16 bit | (3) 64 k ×16 bit | (4) 64×16 bit | |
| 79. | The statement | | | | |
| | printf("% f", 8/5) | prints | | | |
| | (1) 1.0 | (2) 1.6 | (3) 2.0 | (4) garbage | |
| 80. | Different computers a | re connected to a LAN | hv | | |
| - | (1) cable and modem. | · · | (2) cable and interfa | ce card | |
| ٠ | (3) special wires. | • | (4) telephone lines. | ce card. | |
| 81. | In half duplex commu | nication system | | | |
| | • • • • | • | s, but only in one directi | ion et e time | , |
| | | place in one direction. | s, out only in one unech | on at a time. | |
| | | place in both directions | s simultaneously | | • |
| , | (4) None of these | | s simulations by . | | |
| *** | | | | | |
| 82. | Web pages start with t | he tag | | · · · · · · · · · · · · · · · · · · · | |
| ÷ . | (1) < HTML> | (2) < BODY > | (3) < HEAD > | (4) <form></form> | |
| 83. | Which of the following | g is location of map def | inition file? | | |
| | (1) BIN | (2) RECYCLE-BIN | (3) TRASH | (4) CGI-BIN | : |
| 84. | What is the function of | f Marlam Taga? | | | |
| от. | - · · · · · · · · · · · · · · · · · · · | • | | - | |
| | | wser to organize the page wser to display the page | | | |
| 4 | | wser to undate the page | | | |
| · · | (4) None of these | wser to update the page | • | | |
| - | (4) Mone of these | | | • | |
| 85. | XML is and t | ags element in XML are | _ | | |
| | (1) declarative language | | | , , , , , , , , , , , , , , , , , , , | • |
| | (3) imperative language | | (2) declarative langua | | • |
| | (o) important to languag | o, case sensitive | (4) imperative langua | ige, case insensitive | |
| | | | | | |
| | 1 | | | | |
| JT/D/ | ² K16/05 | 13 | \$ } | /283.6/05 | JI /TL |

ANSWER SHEET

PART A: WRITE WITH BLUE BALL POINT PEN ONLY

USE BLUE BALL POINT PEN ONLY

FILL UP ALL THE RELEVANT COLUMNS ON THIS PAGE FAILING WHICH YOUR ANSWER SHEET WILL BE INVALIDATED.

1. NAME (AS FILLED IN THE APPLICATION/REGISTRATION FORM)

JJA-TECHNICAL-DHC

2. DATE OF BIRTH

08/05/16

DDD MMM Y Y Y

4. CANDIDATE'S SIGNATURE

Booklet Sovies > D

SEAL OF EXAMINATION CENTRE

INVIGILATOR'S SIGNATURE

I have carefully examined the identity of this candidate and also all the entries made in SIDE -1, PARTA & SIDE - 2, PART B. I certify that these are correct.

Negative Marking -> 25%.

Su

IMPORTANT INSTRUCTIONS

- 1. Read carefully the instructions in the Question Booklet.
- Each question has four answer options. Mark the answer option number by darkening the corresponding oval. Shade only ONE oval.
- 3. For marking answer, completely darken the chosen oval as shown in the correct method below:

Correct Method 1 34

Wrong Method ♥♥••

- 4. Once an oval is darkened as answer to the question, it is final. Any change by erasing, using fluid and making cross (X) in the oval is not permitted.
- 5. Make no stray marks on this sheet.
- 6. Non adherence of any instruction will lead to the cancellation of candidature.
- 7. There will be 25% Negative marking for every wrong answer.

5. NAME OF THE CANDIDATE

6. BOOKLET SERIES 7. REGISTRATION NO

| A | _ | | _ | _ | - | | | | | | | | | | A | | | | | | - | - | - | - | - | A | A | _ | (A) |
|-----|--------|----------|------------|-----------------|---------|--------|---------|-----|---------|-------------|-----------------|---------|---------------|---------------|-------|---|---------------|---------|------------------|---------|-----|---|-----|-----|---------|-----|-----|-----|-----|
| (B) | _ | - | _ | | BO | (B)(C) | (B) (C) | - | B | 1 | - | 5525555 | - | 200000 | B (C) | 0777777333 | - | | - | 1000000 | - | - | - | - | - | (B) | B | | B |
| 0 | _ | - | _ | | 0 | 0 | 9 | 9 | 9 | - AMERICA | - | | - | 1 | 96 | 100000000000000000000000000000000000000 | - | 96 | - | | - | 100000000000000000000000000000000000000 | 96 | 96 | 96 | 96 | 96 | | 90 |
| (E) | E | E) | E | Ē | E | E | E | E | E | E | - | _ | E | - | - | E | - | | - | | - | | - | E | E | E | E | _ | E |
| E | _ | _ | _ | = | E | E | E | | E | - | - | | E | E | F | E | F | E | F | F | E | F | E | E | F | E | E | F | Ē |
| (H) | (E) | | _ | | 0 | 9 | 9 | | 9 | - | _ | - | - | - | - | 9 | _ | 0 | - | 0 | _ | 0 | _ | _ | - | 0 | (G) | | (G) |
| 9 | | | JE | $\exists (\Xi)$ | E | 3 | (E) | 3(E | HE | (E) | $\exists (\Xi)$ | (E) | $\exists \Xi$ | $\exists \Xi$ | ~ | _ | $\exists \Xi$ | | $\exists \oplus$ | _ | _ | 9(3) | (E) | (E) | E | 3 | 3 | (H) | (E) |
| 0 | 0 | 1 | 0 | (3) | 0 | (3) | 0 | 0 | 0 | 3 | 3 | 3 | 3 | - | _ | _ | 3 | _ | _ | 3 | 3 | 3 | 3 | 3 | 9 | 9 | 36 | 3 | 3 |
| (K) | K) | K | K | K | K | K | K | K | K | K | K | K | K | K | K | | - | 2000000 | _ | K | K | K | K | K | K | K | K | K | K |
| S | | | | | 9 | | 9 | 9 | | | | | | | | - | | - | 0 | 9 | | | 0 | | 0 | 9 | | 0 | |
| (Z) | N N | | - | S) W) | (S) (N) | 38 | (S) (N) | (S) | (S) (S) | - | _ | 7777 | - | - | - | S) (M) | _ | _ | _ | | (X) | - | (X) | N N | (S) (N) | 30 | (X) | (M) | (X) |
| 0 | _ | | _ | 0 | 0 | 0 | - | 0 | - | 0 | - | _ | 0 | _ | _ | 1 | - | | _ | = | _ | 9 | 0 | 9 | 0 | 0 | 9 | | 9 |
| P | P(| P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | D | P | P | P | P | P | P | P | P |
| 0 | | | 0 | @ | 0 | 0 | 0 | 0 | 0 | 0 | - | | _ | - | 0 | - | - | | _ | - | - | - | @ | 0 | @ | @ | @ | - | @ |
| R | _ | R)(| R | (R) (S) | (R) | (R) | R | R | R | R | RS | - | R | - | - | R | - | - | _ | R | R | R | R | R | R | R | R | - | R |
| 1 | D | - | D | 0 | 1 | 0 | 9 | 8 | 9 | 6 | _ | (T) | (F) | - | - | - | (T) | (F) | (F) | 8 | (H) | (H) | (F) | (T) | 0 | 8 | 0 | (S) | (S) |
| (1) | U)(| U) (| U | (1) | (1) | (1) | (1) | (| (1) | 0 | 0 | (1) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (S) | V | ∇ | \bigcirc | \otimes | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | V | 0 | V | V |
| (X) | _ | - | | | (W) | WX | (W) | (W) | WX | (W) | - | | WX | - | (S) | | _ | | - | | - | | (S) | (W) | (A) | (W) | (W) | (W) | W |
| 8 | Ý | | _ | 8 | 3 | 8 | 3 | 8 | 3 | 8 | - | _ | 8 | - | XX | | - | - | XXX | 300 | (X) | (X) | XX | S | 8 | 8 | 8 | 8 | (X) |
| (2) | 2 | Z)(| Z | Z | (2) | Z | (Z) | (Z) | (Z) | (Z) | _ | _ | (2) | \leq | _ | | - | | _ | 0 | _ | _ | 7 | 7 | 1 | 7 | 7 | 7 | 7 |

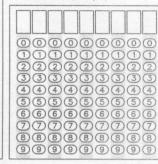
8. ROLL NUMBER

E

(F)

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H



Use Blue Ball Point Pen only

PART C: ANSWERS

MARK THE APPROPRIATE ANSWER OPTION IN THE OVAL O CORRESPONDING TO EACH QUESTION NUMBERED 1-85.

| Q.No | No. ANSWER OPTION Q.No. ANSWER OPTION | | | | | | Q.No. ANSWER OPTION | | | | | | | ANSWEF | OPTION | Q.No. ANSWER OPTION | | | | | | | | |
|------|---------------------------------------|---|---|---|-------|----|---------------------|----------|---|------|---|---|---|--------|-------------|---------------------|----------|----------|------------|----|---|-----|-----|------------|
| 1 | 6 | 2 | 3 | 4 | 18 | .1 | 2 | 3 | 4 | 35 | 1 | 2 | 3 | 4 | Q.No. 52 | 0 | (2) | (3) | 4 | 69 | | (2) | (3) | (4) |
| 2 | 1 | | 3 | 4 | 19 | 1 | 2 | 3 | 4 | 36 | 1 | 2 | 3 | 4 | 53 | 1 | a | 3 | 4 | 70 | 1 | 2 | 3 | 4 |
| 3 | 1 | 2 | | 4 | 20 | 1 | 2 | 3 | 4 | 37 | ① | 2 | 3 | 4 | 54 | 0 | 2 | 3 | 4 | 71 | 1 | 2 | 3 | 4 |
| 4 | 1 | 2 | 3 | • | 21 | 1 | 2 | 3 | 4 | 38 | | 2 | 3 | 4 | 55 | 1 | 2 | 8 | 4 | 72 | 0 | 2 | 3 | 4 |
| 5 | • | 2 | 3 | 4 | 22 | 1 | 2 | (3) | 4 | 39 | 1 | 2 | 3 | 4 | 56 | 1 | 0 | 3 | 4 | 73 | 1 | 2 | 3 | 4 |
| 6 | 1 | 2 | 3 | | 23 | • | 2 | 3 | 4 | 40 | | 2 | 3 | 4 | 57 | 1 | 2 | 3 | (4) | 74 | 1 | 2 | 3 | 4 |
| 7 | 1 | 2 | 3 | • | 24 | 1 | 0 | 3 | 4 | 41 | 1 | 2 | 3 | | 58 | 1 | 2 | 3 | Ø | 75 | 1 | 2 | 3 | 4 |
| 8 | 1 | 2 | 0 | 4 | .25 | 1 | 2 | 3 | | 42 | 1 | 2 | 0 | 4 | 59 | 1 | 2 | 3 | 4 | 76 | 1 | 2 | 3 | 4 |
| 9 | 1 | 2 | 0 | 4 | . 26. | 1 | 2 | 0 | 4 | 43 | 1 | 2 | 3 | 4 | 60 | 1 | 2 | 3 | 4 | 77 | 0 | 2 | 3 | 4 |
| 10 | 1 | 2 | 3 | | 27 | | 2 | 3 | 4 | 44 | 1 | 2 | 3 | 4 | 61 | 1 | 2 | 3 | 4 | 78 | 1 | 2 | 0 | 4 |
| 11 | 1 | | 3 | 4 | 28 | 1 | 2 | (3) | 4 | 45 | | 2 | 3 | 4 | 62 | 1 | 2 | 3 | • | 79 | 1 | 2 | 3 | 4 |
| 12 | 1 | 2 | 3 | 4 | 29 | 0 | 2 | 3 | 4 | 46 | | 2 | 3 | 4 | 63 | 1 | 2 | 3 | 4 | 80 | 1 | 2 | 3 | 4 |
| 13 | 0 | 2 | 3 | 4 | 30 | 0 | 2 | 3 | 4 | . 47 | 1 | 2 | 3 | 4 | 64 | 0 | 2 | 3 | 4 | 81 | 1 | 2 | 3 | 4 |
| 14 | 1 | 2 | 3 | • | 31 | • | 2 | 3 | 4 | 48 | 1 | 2 | 3 | • | 65 | 1 | 2 | 3 | 4 | 82 | 1 | 2 | 3 | 4 |
| 15. | 1 | 2 | 3 | 4 | 32 | 1 | 2 | 3 | 4 | 49 | 1 | 2 | 3 | 4 | 66 | 1 | 2 | 3 | 4 | 83 | 1 | 2 | 3 | (4) |
| 16 | 1 | | 3 | 4 | 33 | 0 | 2 | 3 | 4 | 50 | 1 | 2 | 3 | 4 | 67 | 1 | 2 | 3 | 4 | 84 | 1 | 2 | 3 | 4 |
| 17 | 1 | 2 | 3 | 4 | 34 | 1 | 2 | (3) | 4 | 51 | 1 | 2 | 3 | 4 | 68 | 1 | 2 | 3 | 4 | 85 | | 2 | 3 | 4 |

PLEASE DO NOT WRITE ANYTHING IN THIS AREA

ANSWER SHEET NO.

106961

SCJ - 2705